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# ENVIRON

March 7, 2002

Mr. Matthew Ohl  
USEPA, HSRW-6J  
77 West Jackson Blvd.  
Chicago, IL 60604-3590

Re: Fourth Quarter 2001 Surface and Subsurface Water Monitoring Report  
ECC Superfund Site  
Zionsville, Indiana

Dear Mr. Ohl:

This report summarizes the monitoring of the till wells, the sand/gravel wells, and the surface water of the Unnamed Ditch at the ECC Superfund Site in Zionsville, Indiana during the fourth quarter of 2001.

The specific tasks completed during the fourth quarter of 2001 included:

- Collection of water level measurements from 16 monitoring wells on November 27, 2001;
- Sampling of the 3 off-site till monitoring wells and the 2 off-site sand/gravel monitoring wells, including ECC MW-13, during the week of November 26, 2001;
- Sampling of 2 surface water locations within Unnamed Ditch during the week of November 26, 2001;
- Analysis of all the surface and subsurface water samples collected for the parameters specified in the Revised Remedial Action, Exhibit A, Revision 2, dated May 7, 1997 (Revised Exhibit A);

The following section provides a brief description of the fourth quarter sampling activities. The fourth quarter water level measurements, analytical results for the surface and subsurface water samples, and the field measurements and purge data are summarized in the attached tables.

## A. Subsurface Water Flow Determination

### 1. Data Collection

On November 27, 2001, the depth to water was measured in four on-site till monitoring wells, six off-site till monitoring wells, one off-site piezometer, and five off-site sand/gravel monitoring wells using an electronic water level meter.

The till and sand/gravel monitoring well locations are shown on Figure 1. Measurements were recorded to the nearest 0.01 foot. The depth to water measurements and the corresponding water elevation data derived from these measurements are presented in Table 1.

## **2. Subsurface Water Elevation Data**

Subsurface water elevations and contours for the sand/gravel unit at the site, for the fourth quarter 2001, are presented in Figure 2.

### **B. On-Site and Off-Site Subsurface Water Sampling**

Subsurface water samples (including duplicates) were collected from off-site monitoring wells T-6, T-7 and T-8 and off-site sand/gravel monitoring wells S-2 and ECC MW13 between November 27, 2001 and November 28, 2001. The subsurface water sample results for the off-site till and off-site sand/gravel monitoring wells are summarized in Table 2 and Table 3, respectively.

All samples were collected as described in Section 6.3 of the Radian Revised Remedial Action Field Sampling Plan (FSP), Revision 4, dated April 28, 1998, with modifications outlined in the *Low Flow Ground Water Sampling* proposal dated November 10, 2000. In accordance with the FSP, the wells were purged a minimum of three well volumes or until the wells went dry, prior to sampling. Low-flow sampling techniques were incorporated into the sampling procedure to decrease the turbidity of the samples collected and to reduce the number of wells that purged dry before three well volumes could be removed. The subsurface water in the off-site monitoring wells was evacuated and sampled using a peristaltic pump and dedicated Teflon-lined polyethylene tubing. The intake for the dedicated tubing was placed at the bottom of the screened interval. The volatile organic compound sample (VOC) was collected as soon as possible on the day of purging the well.

The metals and polychlorinated biphenyls (PCBs) samples were filtered using 0.45-micron filters in accordance with Section 6.3 of the FSP. Field measurements of pH, temperature, specific conductivity, and dissolved oxygen were collected before, during, and at the end of the purging procedure. Field indicator parameters and other information recorded during well purging and sampling are provided in Tables A-1 through A-3 of Appendix A.

### **C. Surface Water Sampling**

Surface water samples were collected from two locations within Unnamed Ditch (SW-1 and SW-2) during the fourth quarter sampling event. Samples were not collected from the NSL-1 location since water was not flowing from the North Side Landfill discharge to the Unnamed Ditch during the sampling event. The surface water samples were collected as described in Section 6.3 of the FSP. Surface water sample locations are shown on Figure 1. The surface water sample results are summarized in Table 4.

Rain accumulation measurements recorded for the 24-hour and 48-hour period prior to sampling are provided in Table A-4 of Appendix A.

#### **D. Sample Analysis and Results**

Following sample collection, the samples were placed in ice-filled coolers and shipped via an overnight courier to CompuChem Laboratories (CompuChem) of Cary, North Carolina, for analysis. Appropriate chain-of-custody protocols were followed throughout sample handling.

Subsurface and surface water samples were analyzed for the parameters listed in Table 3-1 of Revised Exhibit A in accordance with the analytical methods summarized in Table 7-1 of the FSP. Analytical results for the surface, subsurface and the quality assurance and quality control samples for this sampling event are summarized in Table 2 through Table 5. In addition, all quarterly monitoring analytical data to date are presented by location in Appendix B.

#### **E. Quality Assurance and Quality Control Procedures**

To monitor the effectiveness of sampling procedures, ENVIRON collected a field blank by pumping laboratory supplied deionized water through the peristaltic pump and tubing into a sample container. For the metals and PCB samples, the deionized water was also passed through a 0.45-micron filter. One field blank was collected and analyzed this quarter. Two trip blanks were submitted to the laboratory to monitor for possible contamination during sample handling, transport, and storage. The trip blanks accompanied the samples and were analyzed for the VOCs listed in Table 3-1 of Revised Exhibit A. The trip and field blank sample results were compared to the most stringent of the Acceptable Stream Concentrations and the Acceptable Subsurface Water Concentrations for each analyte. The trip and field blank sample results are presented in Table 5.

The November 27, 2001 trip blank sample contained low concentrations of toluene (0.2 J  $\mu\text{g/L}$ ) and the November 28, 2001 trip blank sample contained low concentrations of 1,2-dichloroethene (total) (0.1 J  $\mu\text{g/L}$ ) toluene (0.4 J  $\mu\text{g/L}$ ) and 1,2-dichlorobenzene (0.1  $\mu\text{g/L}$ ).

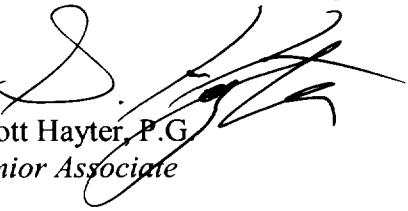
Low concentrations of toluene (0.2 J  $\mu\text{g/L}$ ), bis(2-ethylhexyl)phthalate (1 J  $\mu\text{g/L}$ ) and cyanide (1.6 B  $\mu\text{g/L}$ ) were detected in the field blank sample. The toluene, cyanide and bis(2-ethylhexyl)phthalate concentrations were all reported below the contract required detection limit within the trip and field blank samples. Low concentrations of bis(2-ethylhexyl)phthalate were also detected within the laboratory method blank. The trip blanks and the deionized water, used for the collection of the field blanks, were prepared by CompuChem for this sampling event. ENVIRON believes that the bis(2-ethylhexyl)phthalate as well as the toluene concentrations detected within the trip blanks, field blanks, and the associated monitoring wells are the result of laboratory contamination. The source of the 1,2-dichloroethene (total) and 1,2-dichlorobenzene detected within the November 28, 2001 trip blank and the cyanide detected within the field blank could not be determined.

To evaluate the reproducibility of results, ENVIRON collected one duplicate surface water sample from the SW-1 sample location. The duplicate sample was collected using the described method in Section 6.3 of the FSP. The results of the duplicate samples are presented in Table 4. The results for the duplicate pairs were similar, indicating good reproducibility of the sampling and analytical methods. In addition to the duplicate samples, ENVIRON collected additional sample volume from the offsite subsurface water sampling point S-2 for the laboratory matrix spike and matrix spike duplicate (MS/MSD) samples.

If you have any questions about this letter or any other aspects of the project, please do not hesitate to contact us.

Sincerely,

ENVIRON International Corporation



Scott Hayter, P.G.  
*Senior Associate*

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cc:     Mr. Michael Habeck – IDEM  
          Mr. Tim Harrison – CH2M Hill  
          Mr. Philip Smith – CH2M Hill  
          Dr. Roy Ball – ENVIRON International Corporation  
          Mr. Norman Bernstein – N. W. Bernstein & Associates, L.L.C.

## **T A B L E S**

**TABLE 1**  
**Subsurface Water Elevations - November 27, 2001**  
**ECC Compliance Monitoring Wells**  
**Fourth Quarter 2001**

Well Number	Rim of PVC Elevation (feet AMSL)	Depth-to-Water (feet)	Water Elevation (feet AMSL)
T-1	897.41	16.73	880.68
T-2A	901.13	18.52	882.61
T-3	896.07	14.16	881.91
T-4A	895.37	12.09	883.28
T-5	889.08	7.71	881.37
T-6	891.76	10.40	881.36
T-7	891.02	10.25	880.77
T-8	888.88	8.71	880.17
T-9	882.08	2.71	879.37
T-10	889.42	9.73	879.69
S-1	890.27	9.04	881.23
S-2	888.46	7.86	880.60
S-3	882.45	2.88	879.57
S-4A	889.59	9.12	880.47
P-1	889.66	8.96	880.70
ECC MW-13	883.30	10.41	872.89

**Notes:**

AMSL = Above Mean Sea Level.

PVC = Polyvinyl Chloride Inner Well Casing.

**TABLE 2 (Page 1 of 3)**  
**Analytical Results for Subsurface Water Samples**  
**ECC Off-Site Till Monitoring Wells**  
**Fourth Quarter 2001**

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Stream Concentration	T-6 ECTGW6-10 PUMP 11/28/01	T-7 ECTGW7-10 PUMP 11/28/01	T-8 ECTGW8-10 PUMP 11/28/01
<b>Volatile Organics</b>				
1,1-Dichloroethene	[1.85]	ND	ND	ND
1,2-Dichloroethene (total)	[9.4]	<b>13,000</b>	<b>18 D</b>	1
Ethylbenzene	[3,280]	ND	1	ND
Methylene Chloride	[15.7]	ND	0.9 J	ND
Tetrachloroethene	[8.85]	ND	0.3 J	ND
Toluene	[3,400]	3,100	13	0.2 J
1,1,1-Trichloroethane	[5,280]	300 J	ND	ND
1,1,2-Trichloroethane	[41.8]	ND	ND	ND
Trichloroethene	[80.7]	ND	4	0.5 J
Vinyl chloride	[525]	<b>13,000</b>	2	0.4 J

**Notes:**

All concentrations are in ug/L.  
Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.  
[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.  
ND = Not Detected.  
J = Estimated value.  
D = Compound quantitated on a diluted sample.

**TABLE 2 (Page 2 of 3)**  
**Analytical Results for Subsurface Water Samples**  
**ECC Off-Site Till Monitoring Wells**  
**Fourth Quarter 2001**

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Stream Concentration	T-6 ECTGW6-10 PUMP 11/28/01	T-7 ECTGW7-10 PUMP 11/28/01	T-8 ECTGW8-10 PUMP 11/28/01
<b>Semi-Volatile Organics</b>				
Bis(2-ethylhexyl)phthalate	[50,000]	6 JB	0.9 JB	0.6 JB
Di-n-butylphthalate	[154,000]	ND	ND	ND
1,2-Dichlorobenzene	[763]	ND	4	ND
Diethylphthalate	[52,100]	3 J	ND	0.2 J
Naphthalene	[620]	20	ND	ND
Phenol	[570]	28	13	ND
<b>Polychlorinated biphenyls</b>				
Aroclor-1016	[0.5]	ND	ND	ND
Aroclor-1221	[1.0]	ND	ND	ND
Aroclor-1232	[0.5]	ND	ND	ND
Aroclor-1242	[0.5]	ND	ND	ND
Aroclor-1248	[0.5]	ND	ND	ND
Aroclor-1254	[0.5]	ND	ND	ND
Aroclor-1260	[0.5]	ND	ND	ND

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

ND = Not Detected.

B= Analyte was also detected in the laboratory method blank.

J = Estimated value.

**TABLE 2 (Page 3 of 3)**  
**Analytical Results for Subsurface Water Samples**  
**ECC Off-Site Till Monitoring Wells**  
**Fourth Quarter 2001**

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Stream Concentration	T-6 ECTGW6-10 PUMP 11/28/01	T-7 ECTGW7-10 PUMP 11/28/01	T-8 ECTGW8-10 PUMP 11/28/01
<b>Inorganics</b>				
Arsenic	[14.0]	<b>40.2</b>	ND	ND
Chromium VI	[86.0]	ND	ND	ND
Lead	[26.8]	ND	ND	ND
Nickel	[100]	21.2 B	2.9 B	ND
Zinc	[152]	ND	ND	ND
Cyanide	[23.9]	2.2 B	1.2 B	1.6 B

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

ND = Not Detected.

B = Analyte value is <contract required detection limit but >= instrument detection limit.

**TABLE 3 (Page 1 of 3)**  
**Analytical Results for Subsurface Water Samples**  
**ECC Off-Site Sand/Gravel Monitoring Wells**  
**Fourth Quarter 2001**

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Stream Concentration	S-2 ECSGW2-10 PUMP 11/28/01	MW13 ECSGWM13-10 PUMP 11/28/01
<b>Volatile Organics</b>			
1,1-Dichloroethene	[1.85]	ND	ND
1,2-Dichloroethene (total)	[9.4]	0.3 J	0.6 J
Ethylbenzene	[3,280]	ND	ND
Methylene Chloride	[15.7]	ND	ND
Tetrachloroethene	[8.85]	ND	ND
Toluene	[3,400]	0.1 J	0.3 J
1,1,1-Trichloroethane	[5,280]	ND	ND
1,1,2-Trichloroethane	[41.8]	ND	ND
Trichloroethene	[80.7]	ND	0.4 J
Vinyl chloride	[525]	0.4 J	0.5 J

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[J] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

ND = Not Detected.

J = Estimated value.

**TABLE 3 (Page 2 of 3)**  
**Analytical Results for Subsurface Water Samples**  
**ECC Off-Site Sand/Gravel Monitoring Wells**  
**Fourth Quarter 2001**

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Stream Concentration	S-2 ECSGW2-10 PUMP 11/28/01	MW13 ECSGWM13-10 PUMP 11/28/01
<b>Semi-Volatile Organics</b>			
Bis(2-ethylhexyl)phthalate	[50,000]	0.8 JB	1 J
Di-n-butylphthalate	[154,000]	ND	ND
1,2-Dichlorobenzene	[763]	ND	ND
Diethylphthalate	[52,100]	ND	0.5 J
Naphthalene	[620]	ND	ND
Phenol	[570]	ND	ND
<b>Polychlorinated biphenyls</b>			
Aroclor-1016	[0.5]	ND	ND
Aroclor-1221	[1.0]	ND	ND
Aroclor-1232	[0.5]	ND	ND
Aroclor-1242	[0.5]	ND	ND
Aroclor-1248	[0.5]	ND	ND
Aroclor-1254	[0.5]	ND	ND
Aroclor-1260	[0.5]	ND	ND

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

ND = Not Detected.

B= Analyte was also detected in the laboratory method blank.

J = Estimated value.

**TABLE 3 (Page 3 of 3)**  
**Analytical Results for Subsurface Water Samples**  
**ECC Off-Site Sand/Gravel Monitoring Wells**  
**Fourth Quarter 2001**

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Stream Concentration	S-2 ECSGW2-10 PUMP 11/28/01	MW13 ECSGWM13-10 PUMP 11/28/01
<b>Inorganics</b>			
Arsenic	[14.0]	ND	24.2
Chromium VI	[86.0]	ND	ND
Lead	[26.8]	ND	ND
Nickel	[100]	6.1 B	5.5 B
Zinc	[152]	ND	ND
Cyanide	[23.9]	0.97 B	1.9 B

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

B= Analyte value is <contract required detection limit but>= instrument detection limit.

ND = Not Detected.

J = Estimated value.

**TABLE 4**  
**Analytical Results for Surface Water Samples**  
**ECC Surface Water Locations**  
**Fourth Quarter 2001**

LOCATION ENVIRON SAMPLE ID COLLECTION DATE COMMENT	Acceptable Stream Concentration	SW-1 ECSW1-10 11/28/01	SW-1 ECSW1-10D 11/28/01	SW-2 ECSW2-10 11/28/01
<b>Volatile Organics</b>				
1,1-Dichloroethene	[1.85]	ND	ND	ND
1,2-Dichloroethene (total)	[9.4]	0.3 J	0.3 J	5
Ethylbenzene	[3,280]	ND	ND	ND
Methylene Chloride	[15.7]	ND	ND	ND
Tetrachloroethene	[8.85]	ND	ND	ND
Toluene	[3,400]	0.7 J	0.5 J	0.9 J
1,1,1-Trichloroethane	[5,280]	ND	ND	ND
1,1,2-Trichloroethane	[41.8]	ND	ND	ND
Trichloroethene	[80.7]	ND	ND	ND
Vinyl chloride	[525]	0.2 J	0.1 J	7
<b>Semi-Volatile Organics</b>				
Bis(2-ethylhexyl)phthalate	[50,000]	ND	1 JB	6 J
Di-n-butylphthalate	[154,000]	ND	ND	ND
1,2-Dichlorobenzene	[763]	0.3 J	0.2 J	ND
Diethylphthalate	[52,100]	ND	ND	ND
Naphthalene	[620]	ND	ND	ND
Phenol	[570]	ND	ND	ND
<b>Polychlorinated biphenyls</b>				
Aroclor-1016	[0.5]	ND	ND	ND
Aroclor-1221	[1.0]	ND	ND	ND
Aroclor-1232	[0.5]	ND	ND	ND
Aroclor-1242	[0.5]	ND	ND	ND
Aroclor-1248	[0.5]	ND	ND	ND
Aroclor-1254	[0.5]	ND	ND	ND
Aroclor-1260	[0.5]	ND	ND	ND
<b>Inorganics</b>				
Arsenic	[14.0]	3.1 B	3.0 B	ND
Chromium VI	[86.0]	ND	ND	ND
Lead	[26.8]	5.4	5.4	ND
Nickel	[100]	11.8 B	11.6 B	8.6 B
Zinc	[152]	21.4	20.4	ND
Cyanide	[23.9]	4.0 B	1.9 B	6.0 B

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site-Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/2/ = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000. Table 6 values.

ND = Not Detected.

J = Estimated Value.

Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract

B = required detection limit but >= instrument detection limit (inorganic).

**TABLE 5 (Page 1 of 2)**  
**Analytical Results for Quality Assurance / Quality Control Samples**  
**Fourth Quarter 2001**

ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE	TYPE Most Stringent Acceptable Concentration	TRIP BLANK ECTB1-10 11/27/01	TRIP BLANK ECTB2-10 11/28/01	FIELD BLANK ECSGWM13-10-B PUMP 11/27/01
<b>Volatile Organic Compounds</b>				
Acetone	[3,500]	ND	ND	ND
1,1-Dichloroethene	[1.85]	ND	ND	ND
1,2-Dichloroethene (total)	[9.4]	ND	0.1 J	ND
Ethylbenzene	[680]	ND	ND	ND
Methylene Chloride	[15.7]	ND	ND	ND
Methyl ethyl ketone	[170]	ND	ND	ND
Methyl Isobutyl ketone	[1,750]	ND	ND	ND
Tetrachloroethene	[5.0]	ND	ND	ND
Toluene	[2,000]	0.2 J	0.4 J	0.2 J
1,1,1-Trichloroethane	[200]	ND	ND	ND
1,1,2-Trichloroethane	[5.0]	ND	ND	ND
Trichloroethene	[6.4]	ND	ND	ND
Vinyl Chloride	[5.0]	ND	ND	ND
Xylenes (Total)	[10,000]	ND	ND	ND
<b>Semi-Volatile Organic Compounds</b>				
Bis (2-ethylhexyl) phthalate	[7.1]	NA	NA	1 J
Di-n-butyl phthalate	[3,500]	NA	NA	ND
1,2-Dichlorobenzene	[600]	ND	0.1 J	ND
Diethyl Phthalate	[28,000]	NA	NA	ND
Isophorone	[8.5]	NA	NA	ND
Naphthalene	[620]	NA	NA	ND
Phenol	[570]	NA	NA	ND

**Notes:**

All concentrations are in ug/L.

[2] = Most stringent of the Revised Site-Specific Acceptable Stream Concentrations and Acceptable Subsurface Water Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

ND = Not Detected.

J = Estimated value.

NA = Not Analyzed.

**TABLE 5 (Page 2 of 2)**  
**Analytical Results for Quality Assurance / Quality Control Samples**  
**Fourth Quarter 2001**

ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE	TYPE Most Stringent Acceptable Concentration	TRIP BLANK ECTB1-10	TRIP BLANK ECTB2-10	FIELD BLANK ECSGWM13-10-B PUMP 11/27/01
<b>Polychlorinated biphenyls</b>				
Aroclor 1016	[0.5]	NA	NA	ND
Aroclor 1221	[1.0]	NA	NA	ND
Aroclor 1232	[0.5]	NA	NA	ND
Aroclor 1242	[0.5]	NA	NA	ND
Aroclor 1248	[0.5]	NA	NA	ND
Aroclor 1254	[0.5]	NA	NA	ND
Aroclor 1260	[0.5]	NA	NA	ND
<b>Inorganics</b>				
Antimony	[46.5]	NA	NA	NA
Arsenic	[14]	NA	NA	ND
Barium	[1,000]	NA	NA	NA
Beryllium	[4]	NA	NA	NA
Cadmium	[10]	NA	NA	NA
Chromium VI	[86]	NA	NA	ND
Lead	[26.8]	NA	NA	ND
Manganese	[7,000]	NA	NA	NA
Nickel	[100]	NA	NA	ND
Silver	[50]	NA	NA	NA
Tin	[21,000]	NA	NA	NA
Vanadium	[245]	NA	NA	NA
Zinc	[152]	NA	NA	ND
Cyanide (Total)	[23.9]	NA	NA	1.6 B

**Notes:**

All concentrations are in ug/L.

[2] = Most stringent of the Revised Site-Specific Acceptable Stream Concentrations and Acceptable Subsurface Water Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

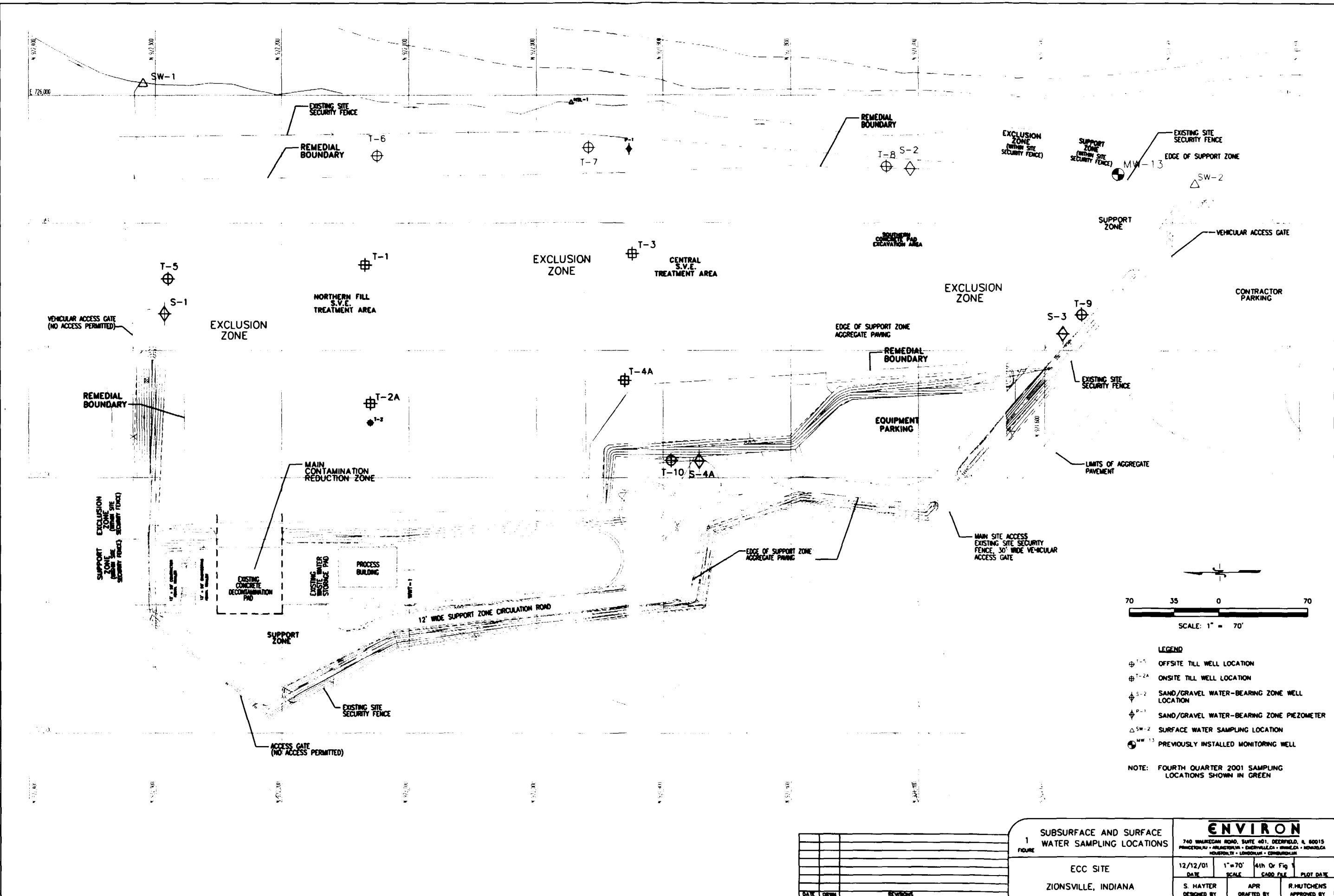
Analyte value is <contract required detection limit but >= instrument

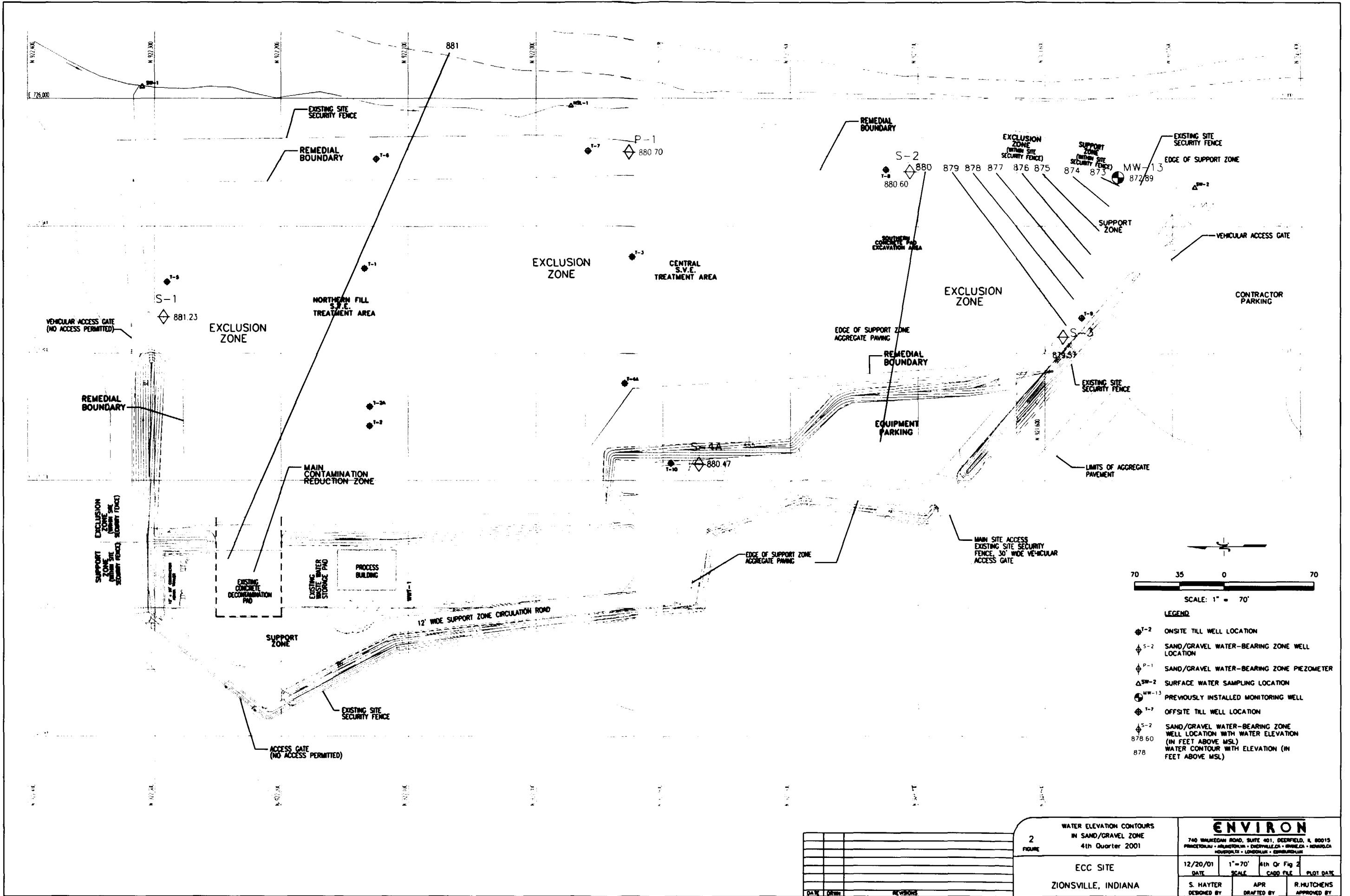
B = detection limit.

ND = Not Detected

NA = Not analyzed

## **FIGURES**





**A P P E N D I X A**  
**Field Measurements and Purge Data**

**TABLE A-1**  
**FIELD MEASUREMENTS AND PURGE DATA**  
**FOURTH QUARTER 2001 OFF-SITE TILL WELLS**  
**ECC SUPERFUND SITE**

Field Parameters and Data	T-6	T-7	T-8
Date	11/28/01	11/28/01	11/28/01
Weather Conditions	Rain 40F	Rain 40F	Rain 40F
<i>Before Purging</i>			
pH	6.75	9.88	7.48
Dissolved Oxygen (mg/L)	10.28	4.71	3.37
Temperature (C)	9.8	10.9	11.5
Specific Conductivity (mS/cm)	3.04	0.55	0.785
Total Depth of Well (Ft from top of inner casing to water)	19.4	17.6	15.9
Depth to water (Ft from top of inner casing to water)	10.4	10.25	8.71
Estimated water volume in well (gallons)	1.5	1.2	1.2
Three Well Volumes (gallons)	4.4	3.6	3.5
<i>After Purging</i>			
Purge Start	1010	835	743
Purge End	1140	1030	755
Purge Method	PP	PP	PP
Approximate Purge Rate (gpm)	0.05	0.028	0.21
Total Volume Purged (gal.)	4.5	3.2	2.5**
pH	6.85	8.42	**
Dissolved Oxygen (mg/L)	1.31	4.1	**
Temperature (C)	11	11.1	**
Specific Conductivity (mS/cm)	2.8	0.73	**
<i>Sampling</i>			
Sampling Date(s)	11/28/01	11/28/01	11/28/01
Sampling End Time	1200	1045	1500
Sampling Method	PP	PP	PP
<i>Notes:</i>			
** = Well purged dry			
BT = Bailer (Teflon)      PID = Photoionization Detector			

**TABLE A-2**  
**FIELD MEASUREMENTS AND PURGE DATA**  
**FOURTH QUARTER 2001 OFF-SITE SAND/GRAVEL WELLS**  
**ECC SUPERFUND SITE**

Field Parameters and Data	S-2	MW-13
Date	11/27/01	11/27/01
Weather Conditions	Overcast 50F	Overcast 50F
<i>Before Purging</i>		
pH	NM	6.9
Dissolved Oxygen (mg/L)	NM	9.7
Temperature (C)	NM	14
Specific Conductivity (mS/cm)	NM	1.6
Total Depth of Well (Feet below ground surface)	22.15	17
Depth to water (Ft from top of inner casing to water)	7.86	10.41
Estimated water volume in well (gallons)	2.3	1.1
Three Well Volumes(gallons)	7.0	3.2
<i>After Purging</i>		
Purge Start	1200	1200
Purge End	1256	1223
Purge Method	PP	PP
Approximate Purge Rate (gpm)	0.13	0.14
Total Volume Purged (gal.)	~ 7.0	~3.2
pH	NM	6.7
Dissolved Oxygen (mg/L)	NM	9.4
Temperature (C)	NM	14
Specific Conductivity (mS/cm)	NM	1.6
<i>Sampling</i>		
Sampling Date(s)	11/27/01	11/27/01
Sampling End Time	1420	1536
Sampling Method	PP	PP
<i>Notes:</i>		
NM = no measurement		
BT = Bailer (Teflon)		

**TABLE A-3**  
**FIELD MEASUREMENTS**  
**FOURTH QUARTER 2001 SURFACE WATER SAMPLING**  
**ECC SUPERFUND SITE**

Field Parameters and Data	SW-1	SW-2
Date	11/28/01	11/27/01
Weather Conditions	Raining 40F	Overcast 50F
Sampling Time	1130	1600
pH	NM	NM
Dissolved Oxygen (mg/L)	NM	NM
Temperature (C)	NM	NM
Specific Conductivity (mS/cm)	NM	NM
<i>Unnamed Ditch Flow Measurements</i>		
Flow Velocity (ft/sec)	0.7	0
Cross Sectional Area (ft <sup>2</sup> )	0.5	1
Calculated Flow Volume (Gal/min)	157.2	0
<i>Storm Event - Rain Accumulation</i>		
Accumulation 24 hours prior to sampling (inches) *	0.02	0.18
Accumulation 48 hours prior to sampling (inches) *	0.20	0.18
<i>Notes:</i>		
* Measurement recorded at Fisher weather station in Hamilton County.		
NM=No measurement		

**A P P E N D I X B**  
**Historical Quarterly Monitoring Analytical Data**

**TABLE B-1**  
**Summary of Analytical Results for Monitoring Well T-1**  
**ECC Superfund Site**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Subsurface Water Concentration	T-1 ECTGW1-01 4th 1998	T-1 ECTGW-03 2nd 1999	T-1 ECTGW1-05 4th 1999	T-1 ECTGW1-06 2nd 2000	T-1 ECTGW1-07 4th 2000	T-1 ECTGW1-08 1st 2001	T-1 ECTGW1-09 3rd 2001
<i>Volatile Organics</i>								
Acetone	[3,500]	2 U	2 U	1.0 J	2 U	5 U	5 U	2 J
1,1-Dichloroethene	[7]	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U
1,2-Dichloroethene(total)	[70]	0.4 JB	0.5 U	0.8	0.1 J	0.3 J	0.2 J	0.2 J
Ethylbenzene	[680]	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U
Methylene Chloride	[156.6]	2 B	1	0.8	1 B	0.8 J	2 U	2 U
Methyl ethyl ketone	[170]	2 U	2 U	1.0 J	2 U	5 U	5 U	5 U
Methyl isobutyl ketone	[1,750]	2 U	2 U	2.0 U	2 U	5 U	5 U	5 U
Tetrachloroethene	[5.0]	1	14	0.6	0.7	1 U	1 U	1
Toluene	[2,000]	0.5 U	2	0.3 J	0.2 J	1 U	1 U	1 U
1,1,1-Trichloroethane	[200]	0.5 U	9	0.5 U	0.5 U	1 U	1 U	1 U
1,1,2 Trichloroethane	[5.0]	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U
Trichloroethene	[6.4]	0.5 U	22	0.4 J	.4 J	0.3 J	0.3 J	0.9 J
Vinyl Chloride	[5.0]	0.5 U	0.4 J	0.5 U	0.6	1	1 U	2
Xylenes (total)	[10,000]	0.4 JB	0.6	0.5 U	0.5 U	1 U	1 U	1 U
<i>Semi-Volatile Organics</i>								
Bis (2-ethylhexyl) phthalate	[7.1]	10 U	2 J	4.0 J	0.9 J	2 J	1 JB	7 J
Di-n-butyl phthalate	[3,500]	10 U	11 U	9.0 U	9 U	11 U	10 U	10 U
1,2-Dichlorobenzene	[600]	10 U	11 U	9.0 U	9 U	1 U	1 U	1 U
Dieldrin	[28,000]	10 U	11 U	9.0 U	9 U	11 U	10 U	10 U
Isopropone	[8.5]	10 U	11 U	9.0 U	9 U	11 U	10 U	10 U
Naphthalene	[14,000]	10 U	11 U	9.0 U	9 U	11 U	10 U	10 U
Phenol	[1,400]	16	11 U	9.0 U	9 U	11 U	10 U	10 U
<i>Polychlorinated biphenyls</i>								
Aroclor-1016	[0.5]	1 U	0.51 U	0.5 U	0.49 U	1.0 U	1.0 U	1 U
Aroclor-1221	[1.0]	2 U	1.0 U	1.0 U	0.98 U	2.0 U	2.0 U	2 U
Aroclor-1232	[0.5]	1 U	0.51 U	0.5 U	0.49 U	1.0 U	1.0 U	1 U
Aroclor-1242	[0.5]	1 U	0.51 U	0.5 U	0.49 U	1.0 U	1.0 U	1 U
Aroclor-1248	[0.5]	1 U	0.51 U	0.5 U	0.49 U	1.0 U	1.0 U	1 U
Aroclor-1254	[0.5]	1 U	0.51 U	0.5 U	0.49 U	1.0 U	1.0 U	1 U
Aroclor-1260	[0.5]	1 U	0.51 U	0.5 U	0.49 U	1.0 U	1.0 U	1 U
<i>Inorganics</i>								
Antimony	[46.5]	1.7 U	1.0 U	NA	3.1 B	2.4 B	2.5 U	1.7 U
Arsenic	[50]	3.6 B	2.1 B	7.6 U	2.1 U	3.4 U	4.2 U	3.5 B
Barium	[1,000]	425	587	NA	398	344	353	287
Beryllium	[4]	1 U	0.61 B	NA	0.10 U	0.2 U	0.1 U	0.40 U
Cadmium	[10]	1 U	0.57 B	0.30 U	0.30 U	0.3 U	0.60 U	0.40 U
Chromium VI	[50]	10 U	10 U	10.0 U	160	10 U	10 U	10 U
Lead	[50]	0.7 U	1.0 U	1.5 U	1.1 U	2.1 U	1.7 U	1.8 U
Manganese	[7,000]	115	103	NA	125	262	204	234
Nickel	[150]	0.7 U	3.1 B	1.1 U	3.2 U	1.6 B	1.3 U	1.4 U
Silver	[50]	0.4 U	0.4 U	NA	0.50 U	0.4 U	0.50 U	0.50 U
Tin	[21,000]	4.7 U	2.0 U	NA	2.8 U	6.1 U	9.0 U	3.7 U
Vanadium	[245]	0.51 B	0.4 U	NA	0.74 B	0.7 U	0.70 U	0.60 U
Zinc	[7,000]	1.5 U	39.6	3.1 U	9.6 B	1.2 U	1.1 U	0.70 U
Cyanide	[154]	10 U	4.7 U	8.2 U	0.90 U	0.9 U	0.60 U	0.80 U

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Subsurface Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Subsurface Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U – Analyte not detected. The value shown is the associated detection limit.

B – Analyte was also detected in the laboratory method blank (organic) or analyte value is < contract required detection limit but >= instrument detection limit (inorganic).

J – Estimated value.

NA – Sample was not analyzed due to laboratory error.

**TABLE B-2**  
**Summary of Analytical Results for Monitoring Well T-2 and T-2A**  
**ECC Superfund Site**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Subsurface Water Concentration	T-2 ECTGW2-01 4th 1998	T-2 ECTGW-03 2nd 1999	T-2A ECTGW2-07 4th 2000	T-2A ECTGW2-08 1st 2001	T-2A ECTGW2-09 3rd 2001
<b>Volatile Organics</b>						
Acetone	[3,500]	<b>10,000 B</b>	12,000 U	3,000	1,800	<b>20,000</b>
1,1-Dichloroethene	[7]	1,900 U	<b>1,900 J</b>	<b>800</b>	<b>82</b>	3,600 U
1,2-Dichloroethene(total)	[70]	1,900 U	<b>4,200</b>	<b>1,444</b>	<b>580</b>	<b>890 J</b>
Ethylbenzene	[680]	1,900 U	<b>1,900 J</b>	<b>800</b>	200	3,600 U
Methylene Chloride	[156.6]	<b>12,000 B</b>	<b>71,000</b>	<b>6,100</b>	<b>1,600 DJ</b>	7,200 U
Methyl ethyl ketone	[170]	2,200 J	12,000 U	2,000 U	1,100	18,000 U
Methyl isobutyl ketone	[1,750]	<b>2,700 J</b>	<b>12,000 JB</b>	2,000 U	230 J	18,000 U
Tetrachloroethene	[5.0]	<b>17,000</b>	<b>79,000 D</b>	<b>53,000</b>	<b>17,000 DB</b>	<b>18,000</b>
Toluene	[2,000]	<b>3,600</b>	<b>22,000</b>	<b>8,800</b>	<b>2,400 D</b>	1,200 J
1,1,1-Trichloroethane	[200]	<b>31,000</b>	<b>91,000 D</b>	<b>30,000</b>	<b>6,400 D</b>	<b>6,800</b>
1,1,2 Trichloroethane	[5.0]	1,900 U	2,500 U	77	50 U	3,600 U
Trichloroethene	[6.4]	<b>6,000</b>	<b>190,000 D</b>	<b>50,000</b>	<b>15,000 DB</b>	<b>17,000</b>
Vinyl Chloride	[5.0]	1,900 U	2,500 U	20	50 U	3,600 U
Xylenes (total)	[10,000]	1,900 U	8,900	2,900	830	3,600 U
<b>Semi-Volatile Organics</b>						
Bis (2-ethylhexyl) phthalate	[7.1]	<b>1,300</b>	<b>8,000 J</b>	2.5 U	<b>2 JB</b>	10 U
Di-n-butyl phthalate	[3,500]	59 J	10,000 U	10 U	10 U	10 U
1,2-Dichlorobenzene	[600]	<b>6,900</b>	<b>77,000</b>	64.6	68	3,600 U
Diethylphthalate	[28,000]	500 U	10,000 U	10 U	10 U	2 J
Isopropone	[8.5]	<b>390 J</b>	10,000 U	<b>8.3 U</b>	10 U	21
Naphthalene	[14,000]	410 J	<b>18,000 J</b>	10 U	1 J	3 J
Phenol	[1,400]	200	10,000 U	10 U	7 J	5 J
<b>Polychlorinated biphenyls</b>						
Aroclor-1016	[0.5]	1 U	<b>1.3 U</b>	<b>0.8 U</b>	<b>1 U</b>	<b>1 U</b>
Aroclor-1221	[1.0]	2 U	<b>2.5 U</b>	<b>0.8 U</b>	<b>2 U</b>	<b>2 U</b>
Aroclor-1232	[0.5]	1 U	<b>1.3 U</b>	<b>0.8 U</b>	<b>1 U</b>	<b>1 U</b>
Aroclor-1242	[0.5]	1 U	<b>1.3 U</b>	<b>0.8 U</b>	<b>1 U</b>	<b>1 U</b>
Aroclor-1248	[0.5]	1 U	<b>1.3 U</b>	<b>0.8 U</b>	<b>1 U</b>	<b>1 U</b>
Aroclor-1254	[0.5]	1 U	<b>1.3 U</b>	<b>0.8 U</b>	<b>1 U</b>	<b>1 U</b>
Aroclor-1260	[0.5]	1 U	<b>1.3 U</b>	<b>0.8 U</b>	<b>1 U</b>	<b>1 U</b>
<b>Inorganics</b>						
Antimony	[46.5]	1.7 U	<b>4.4 B</b>	100 U	<b>2.5 U</b>	<b>1.7 U</b>
Arsenic	[50]	6.4 B	<b>8.1 B</b>	20 U	<b>4.2 U</b>	<b>6.2 B</b>
Barium	[1,000]	184	<b>852</b>	130	<b>108 B</b>	<b>97.2 B</b>
Beryllium	[4]	0.2 U	<b>0.35 B</b>	NA	0.20 B	0.40 B
Cadmium	[10]	1.1	<b>1.9 B</b>	<b>5 U</b>	0.60 U	0.40 U
Chromium VI	[50]	10 U	10 U	10 U	NA	13.14
Lead	[50]	0.7 U	1.0 U	50 U	<b>1.7 U</b>	<b>1.8 U</b>
Manganese	[7,000]	21	<b>1.1 B</b>	250	360	324
Nickel	[150]	2 B	<b>3.8 B</b>	10 U	17.7 B	<b>8.6 B</b>
Silver	[50]	0.4 U	0.4 U	10 U	0.50 U	0.50 U
Tin	[21,000]	4.7 U	33.5	NA	9.0 U	3.7 U
Vanadium	[245]	<b>1.2 B</b>	<b>3.1 B</b>	50 U	<b>3.8 B</b>	0.60 U
Zinc	[7,000]	1.5 U	<b>1.1 B</b>	10 U	23.5	35.1
Cyanide	[154]	10 U	4.7 U	NA	0.60 U	0.80 U

**Notes:**

All concentrations are in ug /L.

Concentrations in bold exceed the Revised Site Specific Acceptable Subsurface Water Concentrations as presented in the December 22, 2000 Background Report.

[?]= Revised Site-Specific Acceptable Subsurface Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U= Analyte not detected. The value shown is the associated detection limit.

B= Analyte was also detected in the laboratory method blank (organic) or analyte value is > contract required detection limit but >= instrument detection limit (inorganic).

NA= Sample was not analyzed due to laboratory error.

J= Estimated value.

D= Sample quantitated on a diluted sample.

**TABLE B-3**  
**Summary of Analytical Results for Monitoring Well T-3**  
**ECC Superfund Site**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Subsurface Water Concentration	T-3 ECTGW3-01 4th 1998	T-3 ECTGW-03 2nd 1999	T-3 ECTGW3-05 4th 1999	T-3 ECTGW3-06 2nd 2000	T-3 ECTGW3-07 4th 2000	T-3 ECTGW3-08 1st 2001	T-3 ECTGW3-09 3rd 2001
<i>Volatile Organics</i>								
Acetone	[3,500]	550 JB	780 U	22 B	2 U	20	10	44
1,1-Dichloroethene	[7]	160 U	160 U	4.0	3	5 U	2	3
1,2-Dichloroethene(total)	[70]	5,200	5,780	6,400 D	3,800 D	9,040	4,100 D	3,000 D
Ethylbenzene	[680]	160 U	160 U	2.0	6	7	0.3 J	0.6 J
Methylene Chloride	[156.6]	270 B	98 JB	6.0	5 B	5 U	2	3
Methyl ethyl ketone	[170]	780 U	780 U	2.0 U	2 U	20 U	5 U	5 U
Methyl isobutyl ketone	[1,750]	250 J	780 U	99	7	20 U	5 U	0.9 J
Tetrachloroethene	[5.0]	160 U	160 U	21	10	130	9	9
Toluene	[2,000]	280	190	90 DJ	57 DJ	53	2	8
1,1,1-Trichloroethane	[200]	92 J	160 U	59 DJ	32 E	52	16	14
1,1,2-Trichloroethane	[5.0]	160 U	160 U	3.0	2	5 U	2	2
Trichloroethene	[6.4]	160 U	160 U	49 DJ	21	70	15	16
Vinyl Chloride	[5.0]	280	270	470 D	160 D	300	290 D	300 D
Xylenes (total)	[10,000]	110 J	160 U	46	20	36	6	9
<i>Semi-Volatile Organics</i>								
Bis (2-ethylhexyl) phthalate	[7.1]	29	9 J	32	12	2.5 U	10 U	10 U
Di-n-butyl phthalate	[3,500]	10 U	10 U	1.0 J	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	[600]	21	9 J	24	4 J	10 U	2 B	10 U
Diethylphthalate	[28,000]	10 U	10 U	11 U	10 U	10 U	10 U	10 U
Isopropone	[8.5]	3 J	3 J	11 U	10 U	8.3 U	10 U	10 U
Naphthalene	[14,000]	4 J	1 J	6.0 J	10 U	10 U	10 U	10 U
Phenol	[1,400]	10	10 U	1.0 J	10 U	10 U	10 U	10 U
<i>Polychlorinated biphenyls</i>								
Aroclor-1016	[0.5]	1 U	0.51 U	0.49 U	0.56 U	0.6 U	1 U	1 U
Aroclor-1221	[1.0]	2 U	1.0 U	0.98 U	1.1 U	0.6 U	2 U	2 U
Aroclor-1232	[0.5]	1 U	0.51 U	0.49 U	0.56 U	0.6 U	1 U	1 U
Aroclor-1242	[0.5]	1 U	0.51 U	0.49 U	0.56 U	0.6 U	1 U	1 U
Aroclor-1248	[0.5]	1 U	0.51 U	0.49 U	0.56 U	0.6 U	1 U	1 U
Aroclor-1254	[0.5]	1 U	0.51 U	0.49 U	0.56 U	0.6 U	1 U	1 U
Aroclor-1260	[0.5]	1 U	29 J	0.49 U	0.56 U	0.6 U	1 U	1 U
<i>Inorganics</i>								
Antimony	[46.5]	1.7 U	2.0 B	2.2 B	1.5 U	100 U	2.5 U	3.5 B
Arsenic	[50]	9.7 B	10.6	8.8 B	4.6 B	20 U	7.4 B	11.3
Barium	[1,000]	189	478	263	230	280	192 B	204
Beryllium	[4]	1 U	0.68 B	0.29 B	0.1 U	NA	0.10 U	0.40 U
Cadmium	[10]	0.7 U	1.9 B	0.31 B	0.3 U	5 U	0.60 U	0.40 U
Chromium VI	[30]	10 U	10 U	10.0 U	35.8	10 U	11.4	10 U
Lead	[50]	0.7 U	1.0 U	1.5 U	1.1 U	50 U	1.7 U	1.8 U
Manganese	[7,000]	24.7	151	167	195	240	548	557
Nickel	[150]	40.3	54.3	53.1	44.6	50	48	50.6
Silver	[50]	0.4 U	0.4 U	0.90 U	0.5 U	10 U	0.50 U	0.50 U
Tin	[21,000]	4.7 U	2.0 U	3.6 U	2.8 U	NA	9.0 U	3.7 U
Vanadium	[245]	0.56 B	0.4 U	0.80 U	0.4 U	50 U	0.70 U	2.1 B
Zinc	[7,000]	1.5 U	30	3.1 U	3.6 U	10 U	3.7 B	3.0 B
Cyanide	[154]	26.7	27	21.1	6.8 B	NA	2.9 B	1.6 B

**Notes:**

All concentrations are in ug /L.

Concentrations in bold exceed the Revised Site Specific Acceptable Subsurface Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Subsurface Water Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is < contract required detection limit but > instrument detection limit (inorganic).

NA = Sample was not analyzed due to laboratory error.

J = Estimated value.

D= Sample quantitated on a diluted sample.

**TABLE B-4**  
**Summary of Analytical Results for Monitoring Well T-4A**  
**ECC Superfund Site**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Subsurface Water Concentration	T-4A ECTGW4A-01 4th 1998	T-4A ECTGW-03 2nd 1999	T-4A ECTGW4-05 4th 1999	T-4A ECTGW4-06 2nd 2000	T-4A ECTGW4-07 4th 2000	T-4A ECTGW4-08 1st 2001	T-4A ECTGW4-09 3rd 2001
<b>Volatile Organics</b>								
Acetone	[3,500]	2 U	2 U	3.0 B	2 U/2 U	5 U	5 U	2 J
1,1-Dichloroethene	[7]	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	1 U	1 U	1 J
1,2-Dichloroethene(total)	[70]	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	1 U	1 U	0.1 J
Ethylbenzene	[680]	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	1 U	1 U	1 J
Methylene Chloride	[156.6]	2 B	1	0.5	1 B/0.7 B	0.8 J	0.6 J	2 U
Methyl ethyl ketone	[170]	2 U	2 U	0.7 J	2 U/2 U	5 U	5 U	5 U
Methyl isobutyl ketone	[1,750]	2 U	2 U	2.0 U	2 U/2 U	5 U	5 U	5 U
Tetrachloroethene	[5.0]	4	0.5 U	2.0	0.5 U/0.5 U	1 U	1 U	0.2 J
Toluene	[2,000]	0.6 B	0.5 U	0.4 J	0.3 J/0.2 J	1 U	1 U	1 U
1,1,1-Trichloroethane	[200]	0.5 U	0.5 U	1.0	0.5 U/0.5 U	1 U	1 U	1 U
1,1,2 Trichloroethane	[5.0]	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	1 U	1 U	1 U
Trichloroethene	[6.4]	5	0.6	2.0	0.5 U/0.5 U	1 U	1 U	0.2 J
Vinyl Chloride	[5.0]	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	1 U	1 U	1 U
Xylenes (total)	[10,000]	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	1 U	1 U	1 U
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[7.1]	5 J	10 U	13	7 J/10	2 J	3 JB	10 U
Di-n-butyl phthalate	[3,500]	10 U	10 U	10 U	10 U/10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	[600]	10 U	10 U	10 U	10 U/10 U	1 U	1 U	1 U
Diethylphthalate	[28,000]	10 U	10 U	10 U	10 U/10 U	10 U	10 U	10 U
Isopropone	[8.5]	10 U	10 U	10 U	10 U/10 U	10 U	10 U	10 U
Naphthalene	[14,000]	10 U	10 U	10 U	10 U/10 U	10 U	10 U	10 U
Phenol	[1,400]	10 U	10 U	10 U	10 U/10 U	10 U	10 U	10 U
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1 U	0.53 U	0.54 U	0.53 U/0.53 U	1.0 U	1.0 U	1 U
Aroclor-1221	[1.0]	2 U	1.0 U	1.1 U	1.0 U/1.0 U	2.0 U	2.0 U	2 U
Aroclor-1232	[0.5]	1 U	0.53 U	0.54 U	0.53 U/0.53 U	1.0 U	1.0 U	1 U
Aroclor-1242	[0.5]	1 U	0.53 U	0.54 U	0.53 U/0.53 U	1.0 U	1.0 U	1 U
Aroclor-1248	[0.5]	1 U	0.53 U	0.54 U	0.53 U/0.53 U	1.0 U	1.0 U	1 U
Aroclor-1254	[0.5]	1 U	0.53 U	0.54 U	0.53 U/0.53 U	1.0 U	1.0 U	1 U
Aroclor-1260	[0.5]	1 U	0.53 U	0.54 U	0.53 U/0.53 U	1.0 U	1.0 U	1 U
<b>Inorganics</b>								
Antimony	[46.5]	1.7 U	1.0 U	1.8 U	1.5 U/1.5 U	2.6 B	2.5 U	1.7 B
Arsenic	[50]	1.7 B	1.4 U	7.6 U	2.1 U/5.2 B	3.4 U	4.2 U	1.2 U
Barium	[1,000]	197	255	67.1	47.9/93.1	40.4 B	40.6 B	358
Beryllium	[4]	0.2 U	0.34 B	0.39 B	0.1 U/0.1 U	0.2 U	0.10 U	0.40 U
Cadmium	[10]	1.1 B	1.7 B	0.30 U	0.3 U/0.3 U	0.3 U	0.60 U	0.40 U
Chromium VI	[50]	10 U	10 U	10.0 U	113/80.4	10 U	10 U	10 U
Lead	[50]	0.7 U	1.0 U	1.5 U	1.1 U/4.1	2.1 U	1.7 U	1.8 U
Manganese	[7,000]	63	191	289	85.2/293	330	49.1	18.5
Nickel	[150]	7.2 B	11.1	5.3	5.6/18	7.8 B	6.6 B	1.4 U
Silver	[50]	0.4 U	0.4 U	0.90 U	0.5 U/0.5 U	0.4 U	0.50 U	0.50 U
Tin	[21,000]	4.7 U	2.0 U	3.6 U	2.8 U/2.8 U	6.1 U	9.0 U	3.7 U
Vanadium	[245]	0.4 U	0.4 U	0.80 U	0.4 U/11.8 B	0.7 U	0.70 U	0.60 U
Zinc	[7,000]	1.5 U	30.8	3.1 U	3.6 U/40.4	1.2 U	1.1 U	1.7 B
Cyanide	[154]	10 U	4.7 U	8.2 U	0.9 U/0.9 U	1.1 B	0.69 B	0.80 U

**Notes:**

All concentrations are in ug/l.  
 Concentrations in bold exceed the Revised Site Specific Acceptable Subsurface Water Concentrations as presented in the December 22, 2000 Background Report.

[2] - Revised Site-Specific Acceptable Subsurface Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U - Analyte not detected. The value shown is the associated detection limit.

B - Analyte was also detected in the laboratory method blank (organic) or analyte value is < contract required detection limit but > instrument detection limit (inorganic).

J - Estimated value.

1 U/0.8 U - Sample result/duplicate sample result.

**TABLE B-5**  
**Summary of Analytical Results for Monitoring Well T-5**  
**ECC Superfund Site**  
**(Page 1 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-5 ECTGW5-01 4th 1998	T-5 ECTGW5-02 1st 1999	T-5 ECTGW5-03 2nd 1999	T-5 ECTGW5-04 3rd 1999	T-5 ECTGW5-05 4th 1999	T-5 ECTGW5-06 2nd 2000	T-5 ECTGW5-07 4th 2000
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	0.5 U	1 U					
1,2-Dichloroethene(total)	[9.4]	0.5 U	1 U					
Ethylbenzene	[3,280]	0.5 U	1 U					
Methylene Chloride	[15.7]	2 B	0.7 B	0.4 J	0.1 J	0.9	1.0 B	2 U
Tetrachloroethene	[8.85]	0.5 U	1 U					
Toluene	[3,400]	0.5 U	0.2 J	1 U				
1,1,1-Trichloroethane	[5,280]	0.5 U	1 U					
1,1,2-Trichloroethane	[41.8]	0.5 U	1 U					
Trichloroethene	[80.7]	0.5 U	1 U					
Vinyl chloride	[525]	0.5 U	1 U					
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	4 J	12 U	12 U	9.0 U	7.0 J	1 J	1 J
Di-n-butyl phthalate	[154,000]	10 U	12 U	12 U	9.0 U	9.0 U	10 U	10 U
1,2-Dichlorobenzene	[763]	10 U	12 U	12 U	9.0 U	9.0 U	10 U	1 U
Diethylphthalate	[52,100]	10 U	12 U	12 U	9.0 U	9.0 U	10 U	10 U
Naphthalene	[620]	10 U	12 U	12 U	9.0 U	9.0 U	10 U	10 U
Phenol	[570]	10 U	12 U	2 J	9.0 U	9.0 U	10 U	10 U
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1 U	0.5 U	0.53 U	0.5 U	0.51 U	0.47 U	1.0 U
Aroclor-1221	[1.0]	2 U	1 U	1.0 U	1.0 U	1.0 U	0.94 U	2.0 U
Aroclor-1232	[0.5]	1 U	0.5 U	0.53 U	0.5 U	0.51 U	0.47 U	1.0 U
Aroclor-1242	[0.5]	1 U	0.5 U	0.53 U	0.5 U	0.51 U	0.47 U	1.0 U
Aroclor-1248	[0.5]	1 U	0.5 U	0.53 U	0.5 U	0.51 U	0.47 U	1.0 U
Aroclor-1254	[0.5]	1 U	0.5 U	0.53 U	0.5 U	0.51 U	0.47 U	1.0 U
Aroclor-1260	[0.5]	1 U	0.5 U	0.53 U	0.5 U	0.51 U	0.47 U	1.0 U
<b>Inorganics</b>								
Arsenic	[14]	2.3 B	1.4 U	3.0 B	2.1 B	7.6 U	2.1 U	3.9 B
Chromium VI	[86]	10 U	10 U	10 U	10.0 U	10 U	100	10 U
Lead	[26.8]	0.7 U	1.3 B	1.0 U	1.0 U	1.5 U	1.1 U	2.1 U
Nickel	[100]	1.4 B	0.8 U	3.3 B	3.2 B	2.6 B	3.2 U	3.0 B
Zinc	[152]	1.5 U	24 I	13.5 B	9.7 B	114	18 B	1.2 U
Cyanide	[23.9]	10 U	10 U	4.7 U	2.8 U	8.2 U	0.90 U	1.3 B

**Notes:**

All concentrations are in ug/l.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/2/ Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U - Analyte not detected. The value shown is the associated detection limit.

B - Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >- instrument detection limit (inorganic).

J - Estimated value.

D - Sample quantitated on a diluted sample.

**TABLE B-5**  
**Summary of Analytical Results for Monitoring Well T-5**  
**ECC Superfund Site**  
**(Page 2 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-5 ECTGW5-08 1st 2001	T-5 ECTGW5-09 3rd 2001					
<i>Volatile Organics</i>								
1,1-Dichloroethene	[1.85]	1 U	1 U					
1,2-Dichloroethene(total)	[9.4]	1 U	1 U					
Ethylbenzene	[3,280]	1 U	1 U					
Methylene Chloride	[15.7]	0.5 J	1 U					
Tetrachloroethene	[8.85]	1 U	1 U					
Toluene	[3,400]	1 U	1 U					
1,1,1-Trichloroethane	[5,280]	1 U	1 U					
1,1,2-Trichloroethane	[41.8]	1 U	1 U					
Trichloroethene	[80.7]	1 U	1 U					
Vinyl chloride	[525]	1 U	1 U					
<i>Semi-Volatile Organics</i>								
Bis (2-ethylhexyl) phthalate	[50,000]	1 JB	12 U					
Di-n-butyl phthalate	[154,000]	10 U	12 U					
1,2-Dichlorobenzene	[763]	1 U	1 U					
Diethylphthalate	[52,100]	10 U	12 U					
Naphthalene	[620]	10 U	12 U					
Phenol	[570]	10 U	10 J					
<i>Polychlorinated biphenyls</i>								
Aroclor-1016	[0.5]	1 U	1 U					
Aroclor-1221	[1.0]	2 U	2 U					
Aroclor-1232	[0.5]	1 U	1 U					
Aroclor-1242	[0.5]	1 U	1 U					
Aroclor-1248	[0.5]	1 U	1 U					
Aroclor-1254	[0.5]	1 U	1 U					
Aroclor-1260	[0.5]	1 U	1 U					
<i>Inorganics</i>								
Arsenic	[14]	4.2 U	2.8 U					
Chromium VI	[86]	10 U	10 U					
Lead	[26.8]	1.7 U	1.6 U					
Nickel	[100]	1.3 U	3.3 U					
Zinc	[152]	1.1 U	24					
Cyanide	[23.9]	0.60 U	0.80 U					

**Notes:**

All concentrations are in ug/l.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/?/- Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U - Analyte not detected. The value shown is the associated detection limit.

B - Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >- instrument detection limit (inorganic).

J - Estimated value.

D - Sample quantitated on a diluted sample.

**TABLE B-6**  
**Summary of Analytical Results for Monitoring Well T-6**  
**ECC Superfund Site**  
**(Page 1 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-6 ECTGW6-01 4th 1998	T-6 ECTGW6-02 1st 1999	T-6 ECTGW6-03 2nd 1999	T-6 ECTGW6-04 3rd 1999	T-6 ECTGW6-05 4th 1999	T-6 ECTGW6-06 2nd 2000	T-6 ECTGW6-07 4th 2000
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	500 U	1,200 U	620 U	<b>4.0</b>	37	1,200 U	1,000 U
1,2-Dichloroethene(total)	[9.4]	<b>20,000</b>	<b>47,000</b>	<b>54,000 D</b>	<b>71,300 D</b>	<b>11,750 D</b>	<b>36,000</b>	<b>18,000</b>
Ethylbenzene	[3.280]	500 U	1,200 U	620 U	10	140	230 J	240 J
Methylene Chloride	[15.7]	<b>970 B</b>	<b>1,500 B</b>	<b>570 JB</b>	7.0	<b>97</b>	<b>920 JB</b>	2,000 U
Tetrachloroethene	[8.85]	500 U	1,200 U	620 U	0.3 J	4.0 J	1,200 U	1,000 U
Toluene	[3.400]	1,100	2,300	<b>4,300</b>	72 E	620 D	<b>3,800</b>	2,900
1,1,1-Trichloroethane	[5.280]	940	920 J	4,100	2,500 D	25 U	1,800	1,000 U
1,1,2-Trichloroethane	[41.8]	500 U	1,200 U	620 U	0.5 U	25 U	1,200 U	1,000 U
Trichloroethene	[80.7]	500 U	1,200 U	620 U	0.6	8.0 J	1,200 U	1,000 U
Vinyl chloride	[525]	430 J	<b>1,100 J</b>	<b>2,500</b>	110 E	<b>1,200 D</b>	<b>1,500</b>	<b>10,000</b>
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	1 J	19 U	1 J	50 U	4.0 J	0.8 J	1 J
Di-n-butyl phthalate	[154,000]	11 U	19 U	10 U	50 U	9.0 U	10 U	10 U
1,2-Dichlorobenzene	[763]	26 U	27 D	52 D	34 J	29	<b>68</b>	250 J
Diethylphthalate	[52,100]	3 J	19 U	1 J	50 U	2.0 J	4 J	6 J
Naphthalene	[620]	14	7 DJ	10 J	11 J	9.0 J	24	21
Phenol	[570]	<b>870 D</b>	200 D	230 D	520	390 D	120 D	390 D
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1 U	0.5 U	0.54 U	0.5 U	0.5 U	0.49 U	1.0 U
Aroclor-1221	[1.0]	2 U	1 U	1.1 U	1.0 U	1.0 U	0.98 U	2.0 U
Aroclor-1232	[0.5]	1 U	0.5 U	0.54 U	0.5 U	0.5 U	0.49 U	1.0 U
Aroclor-1242	[0.5]	1 U	0.5 U	0.54 U	0.5 U	0.5 U	0.49 U	1.0 U
Aroclor-1248	[0.5]	1 U	0.5 U	0.54 U	0.5 U	0.5 U	0.49 U	1.2 P
Aroclor-1254	[0.5]	1 U	0.5 U	0.54 U	0.5 U	0.5 U	0.49 U	1.0 U
Aroclor-1260	[0.5]	1 U	0.5 U	0.54 U	0.5 U	0.5 U	0.49 U	1.0 U
<b>Inorganics</b>								
Arsenic	[14]	<b>25.9 B</b>	<b>29.1</b>	<b>36.8</b>	<b>42.3</b>	<b>43.2</b>	<b>60.8</b>	<b>48.8</b>
Chromium VI	[86]	10 U	10 U	10 U	10.0 U	10.0 U	17.6	10 U
Lead	[26.8]	0.7 U	0.7 U	1.0 U	1.0 U	1.5 U	1.1 U	2.1 U
Nickel	[100]	43	31	31.2	44.5	39.9	40.3	43.8
Zinc	[152]	1.5 U	<b>200</b>	19.0 B	12.8 B	27.3	3.6 U	1.2 U
Cyanide	[23.9]	10 U	10 U	4.7 U	3.4 B	8.2 U	0.9 U	1.9 B

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/2/ – Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U – Analyte not detected. The value shown is the associated detection limit.

B – Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but ≥ instrument detection limit (inorganic).

J – Estimated value.

P – Indicates a 25% or greater difference for detected concentrations between the two GC columns. The lower of the two values is reported.

D – Sample quantitated on a diluted sample.

**TABLE B-6**  
**Summary of Analytical Results for Monitoring Well T-6**  
**ECC Superfund Site**  
**(Page 2 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-6 ECTGW6-08 1st 2001	T-6 ECTGW6-09 3rd 2001	T-6 ECTGW6-10 4th 2001				
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	250 U	1,000 U	1300 U				
1,2-Dichloroethene(total)	[9.4]	<b>33,000 D</b>	<b>6,900</b>	<b>13,000</b>				
Ethylbenzene	[3.280]	350	1,000 U	1300 U				
Methylene Chloride	[15.7]	<b>200 J</b>	2,000 U	2500 U				
Tetrachloroethene	[8.85]	250 U	1,000 U	1300 U				
Toluene	[3.400]	<b>3,900</b>	2,200	3,100				
1,1,1-Trichloroethane	[5.280]	560	1,000 U	300 J				
1,1,2-Trichloroethane	[41.8]	250 U	1,000 U	1300 U				
Trichloroethene	[80.7]	250 U	1,000 U	1300 U				
Vinyl chloride	[525]	<b>9,900 D</b>	<b>14,000</b>	<b>13,000</b>				
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U	2 J	<b>6 JB</b>				
Di-n-butyl phthalate	[154,000]	10 U	11 U	<b>10 U</b>				
1,2-Dichlorobenzene	[763]	<b>140 JB</b>	1,000 U	1300 U				
Diethylphthalate	[52,100]	3 J	2 J	<b>3 J</b>				
Naphthalene	[620]	17	19	20				
Phenol	[570]	260 D	53	28				
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1 U	1 U	1 U				
Aroclor-1221	[1.0]	2 U	2 U	2 U				
Aroclor-1232	[0.5]	1 U	<b>3.2</b>	1 U				
Aroclor-1242	[0.5]	1 U	1 U	1 U				
Aroclor-1248	[0.5]	1 U	1 U	1 U				
Aroclor-1254	[0.5]	1 U	1 U	1 U				
Aroclor-1260	[0.5]	1 U	1 U	1 U				
<b>Inorganics</b>								
Arsenic	[14]	<b>55.2</b>	<b>139</b>	<b>40.2</b>				
Chromium VI	[86]	13.4	10 U	10 U				
Lead	[26.8]	1.7 U	1.8 U	2.2 U				
Nickel	[100]	26.2 B	35.7 B	21.2 B				
Zinc	[152]	1.1 U	2.5 B	1.1 U				
Cyanide	[23.9]	1.1 B	0.84 B	2.2 B				

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/2= Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U= Analyte not detected. The value shown is the associated detection limit.

B= Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but > instrument detection limit (inorganic).

J= Estimated value.

D= Sample quantitated on a diluted sample.

**TABLE B-7**  
**Summary of Analytical Results for Monitoring Well T-7**  
**ECC Superfund Site**  
**(Page 1 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-7 ECTGW7-01 4th 1998	T-7 ECTGW7-02 1st 1999	T-7 ECTGW-03 2nd 1999	T-7 ECTGW7-04 3rd 1999	T-7 ECTGW7-05 4th 1999	T-7 ECTGW7-06 2nd 2000	T-7 ECTGW7-07 4th 2000
<i>Volatile Organics</i>								
1,1-Dichloroethene	[1.85]	0.8 U	2 U	2 U	0.5 U	0.5 U	0.5 U	4 U
1,2-Dichloroethene(total)	[9.4]	23	93	69	123 D	64 D	59	26
Ethylbenzene	[3,280]	0.8 U	2 U	2 U	1.0	2.0	3	4 U
Methylene Chloride	[15.7]	2 B	3 B	2 JB	1.0	0.6	3 B	8 U
Tetrachloroethene	[8.85]	0.4 J	2 U	2 U	2.0	3.0	3	4 U
Toluene	[3,400]	4	13	2 U	18	18	24	4
1,1,1-Trichloroethane	[5,280]	0.8 U	2 U	2 U	0.5 U	0.5 U	0.5 U	4 U
1,1,2-Trichloroethane	[41.8]	0.8 U	2 U	2 U	0.5 U	0.5 U	0.5 U	4 U
Trichloroethene	[80.7]	4	13	8	17	12	14	3 J
Vinyl chloride	[525]	0.6 J	1 J	1 J	3.0	2.0	7	0.7 J
<i>Semi-Volatile Organics</i>								
Bis (2-ethylhexyl) phthalate	[50,000]	1 J	10 U	2 J	2.0 J	1.0 J	2 J	10 U
Di-n-butyl phthalate	[154,000]	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	[763]	2 J	10 U	10 U	10 U	10 U	2 J	4 U
Diethylphthalate	[52,100]	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	[620]	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	[570]	29 U	13	18	80	18	47	23
<i>Polychlorinated biphenyls</i>								
Aroclor-1016	[0.5]	1 U	0.5 U	0.54 U	0.5 U	0.45 U	0.53 U	1.0 U
Aroclor-1221	[1.0]	2 U	0.99 U	1.1 U	1.0 U	0.91 U	1.0 U	2.0 U
Aroclor-1232	[0.5]	1 U	0.5 U	0.54 U	0.5 U	0.45 U	0.53 U	1.0 U
Aroclor-1242	[0.5]	1 U	0.5 U	0.54 U	0.5 U	0.45 U	0.53 U	1.0 U
Aroclor-1248	[0.5]	1 U	0.5 U	0.54 U	0.5 U	0.45 U	0.53 U	1.0 U
Aroclor-1254	[0.5]	1 U	0.5 U	0.54 U	0.10 J	0.45 U	0.53 U	1.0 U
Aroclor-1260	[0.5]	1 U	0.5 U	0.54 U	0.5 U	0.45 U	0.53 U	1.0 U
<i>Inorganics</i>								
Arsenic	[14]	3.5 B	1.4 U	1.4 U	2.0 U	7.6 U	2.1 U	3.4 U
Chromium VI	[86]	10 U	10	10 U	10.0 U	10.0 U	10 U	10 U
Lead	[26.8]	0.88 B	1.8 B	1.0 U	1.0 U	1.5 U	1.1 U	2.1 U
Nickel	[100]	6.8	6.8	7.2	8.5	5.0	6.9	4.4 B
Zinc	[152]	1.5 U	46.6	0.40 U	1.1 U	3.1 U	10.6 B	1.2 U
Cyanide	[23.9]	10 U	10 U	4.7 U	2.8 U	8.2 U	0.9 U	1.1 B

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

(2) Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is < contract required detection limit but > instrument detection limit (inorganic).

J = Sample quantitated on a diluted sample.

D = Estimated Value.

**TABLE B-7**  
**Summary of Analytical Results for Monitoring Well T-7**  
**ECC Superfund Site**  
**(Page 2 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-7 ECTGW7-08 1st 2001	T-7 ECTGW7-09 3rd 2001	T-7 ECTGW7-10 4th 2001			
<b>Volatile Organics</b>							
1,1-Dichloroethene	[1.85]	1 U	1 U	1 U			
1,2-Dichloroethene(total)	[9.4]	<b>31</b>	<b>24</b>	<b>18 D</b>			
Ethylbenzene	[3,280]	0.6 J	0.2 J	1			
Methylene Chloride	[15.7]	1 J	0.6 J	0.9 J			
Tetrachloroethene	[8.85]	0.6 J	1	0.3 J			
Toluene	[3,400]	6	3	13			
1,1,1-Trichloroethane	[5,280]	1 U	1 U	1 U			
1,1,2-Trichloroethane	[41.8]	1 U	1 U	1 U			
Trichloroethene	[80.7]	4	3	4			
Vinyl chloride	[525]	1	1	2			
<b>Semi-Volatile Organics</b>							
Bis (2-ethylhexyl) phthalate	[50,000]	10 U	11 U	0.9 JB			
Di-n-butyl phthalate	[154,000]	10 U	11 U	10 U			
1,2-Dichlorobenzene	[763]	0.5 JB	0.2 J	4			
Diethylphthalate	[52,100]	10 U	11 U	10 U			
Naphthalene	[620]	10 U	11 U	10 U			
Phenol	[570]	18	6 J	13			
<b>Polychlorinated biphenyls</b>							
Aroclor-1016	[0.5]	1 U	1 U	1 U			
Aroclor-1221	[1.0]	2 U	2 U	2 U			
Aroclor-1232	[0.5]	1 U	1 U	1 U			
Aroclor-1242	[0.5]	1 U	1 U	1 U			
Aroclor-1248	[0.5]	1 U	1 U	1 U			
Aroclor-1254	[0.5]	1 U	1 U	1 U			
Aroclor-1260	[0.5]	1 U	1 U	1 U			
<b>Inorganics</b>							
Arsenic	[14]	4.2 U	1.2 U	3 U			
Chromium VI	[86]	10 U	10 U	10 U			
Lead	[26.8]	1.7 U	1.8 U	2.2 U			
Nickel	[100]	4.7 B	3.3 B	2.9 B			
Zinc	[152]	1.1 U	0.70 U	1.1 U			
Cyanide	[23.9]	0.60 U	0.80 U	1.2 B			

**Notes:**

All concentrations are in ug/l.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/2/ - Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U - Analyte not detected. The value shown is the associated detection limit.

B - Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >- instrument detection limit (inorganic).

D - Sample quantitated on a diluted sample.

J - Estimated Value.

**TABLE B-8**  
**Summary of Analytical Results for Monitoring Well T-8**  
**ECC Superfund Site**  
**(Page 1 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-8 ECTGW8-01 4th 1998	T-8 ECTGW8-02 1st 1999	T-8 ECTGW-03 2nd 1999	T-8 ECTGW8-04 3rd 1999	T-8 ECTGW8-05 4th 1999	T-8 ECTGW8-06 2nd 2000	T-8 ECTGW8-07 4th 2000
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
1,2-Dichloroethene(total)	[9.4]	<b>10 B</b>	6	6	6.0	3.0	5	6
Ethylbenzene	[3,280]	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Methylene Chloride	[15.7]	2 B	0.7 B	0.5 JB	0.2 J	2.0	2 B	2 U
Tetrachloroethene	[8.85]	7	0.5 U	1	0.7	0.5 J	0.2 J	0.2 J
Toluene	[3,400]	0.9 B	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	1 U
1,1,1-Trichloroethane	[5,280]	0.5 U	0.5 U	0.4 J	0.5 U	0.5 U	0.5 U	1 U
1,1,2-Trichloroethane	[41.8]	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Trichloroethene	[80.7]	10	0.5 J	2	1.0	0.9	0.7	0.9 J
Vinyl chloride	[525]	1	1	0.4 J	0.4 J	0.3 J	0.4 J	0.2 J
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	1 J	10 U	9 U	1.0 J	1.0 JB	1 J	10 U
Di-n-butyl phthalate	[154,000]	10 U	10 U	9 U	10 U	10 U	11 U	10 U
1,2-Dichlorobenzene	[763]	2 J	10 U	9 U	10 U	10 U	11 U	1 U
Diethylphthalate	[52,100]	10 U	10 U	9 U	10 U	10 U	11 U	10 U
Naphthalene	[620]	10 U	10 U	9 U	10 U	10 U	11 U	10 U
Phenol	[570]	16	10 U	9 U	3.0 J	10 U	11 U	10 U
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1 U	0.5 U	0.54 U	0.45 U	0.49 U	0.51 U	1.0 U
Aroclor-1221	[1.0]	2 U	1 U	1.0 U	0.91 U	0.98 U	1.0 U	2.0 U
Aroclor-1232	[0.5]	1 U	0.5 U	0.54 U	0.45 U	0.49 U	0.51 U	1.0 U
Aroclor-1242	[0.5]	1 U	0.5 U	0.54 U	0.45 U	0.49 U	0.51 U	1.0 U
Aroclor-1248	[0.5]	1 U	0.5 U	0.54 U	0.45 U	0.49 U	0.51 U	1.0 U
Aroclor-1254	[0.5]	1 U	0.5 U	0.54 U	0.45 U	0.49 U	0.51 U	1.0 U
Aroclor-1260	[0.5]	1 U	0.5 U	0.54 U	0.45 U	0.49 U	0.51 U	1.0 U
<b>Inorganics</b>								
Arsenic	[14]	1.7 U	1.4 U	2.0 B	2.0 U	7.6 U	2.1 U	3.4 U
Chromium VI	[86]	10 U	10 U	10 U	10.0 U	10.0 U	10 U	10 U
Lead	[26.8]	1.1 B	2.0 B	1.0 U	1.0 U	1.5 U	1.1 U	2.1 U
Nickel	[100]	3.7 B	1.8 B	2.5 B	2.1 B	2.3 B	3.2 U	3.5 B
Zinc	[152]	1.5 U	107	9.8 B	29.1	7.4 B	10.7 B	1.2 U
Cyanide	[23.9]	10 U	10 U	4.7 U	2.8 U	8.2 U	0.90 U	1.0 B

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/2 = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

1 U/0.8 U = Duplicate sample result.

**TABLE B-8**  
**Summary of Analytical Results for Monitoring Well T-8**  
**ECC Superfund Site**  
**(Page 2 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-8 ECTGW8-08 1st 2001	T-8 ECTGW8-09 3rd 2001	T-8 ECTGW8-10 4th 2001				
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	1 U	1 U	1 U				
1,2-Dichloroethene(total)	[9.4]	3	3	1				
Ethylbenzene	[3.280]	1 U	1 U	1 U				
Methylene Chloride	[15.7]	2 U	2 U	2 U				
Tetrachloroethene	[8.85]	1 U	0.1 J	1 U				
Toluene	[3.400]	1 U	1 U	0.2 J				
1,1,1-Trichloroethane	[5.280]	1 U	1 U	1 U				
1,1,2-Trichloroethane	[41.8]	1 U	1 U	1 U				
Trichloroethene	[80.7]	0.3 J	0.5 J	0.5 J				
Vinyl chloride	[525]	1 U	0.5 J	0.4 J				
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U	1 J	0.6 JB				
Di-n-butyl phthalate	[154,000]	10 U	10 U	10 U				
1,2-Dichlorobenzene	[763]	1 U	1 U	1 U				
Diethylphthalate	[52,100]	10 U	10 U	0.2 J				
Naphthalene	[620]	10 U	10 U	10 U				
Phenol	[570]	10 U	10 U	10 U				
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1 U	1 U	1 U				
Aroclor-1221	[1.0]	2 U	2 U	2 U				
Aroclor-1232	[0.5]	1 U	1 U	1 U				
Aroclor-1242	[0.5]	1 U	1 U	1 U				
Aroclor-1248	[0.5]	1 U	1 U	1 U				
Aroclor-1254	[0.5]	1 U	1 U	1 U				
Aroclor-1260	[0.5]	1 U	1 U	1 U				
<b>Inorganics</b>								
Arsenic	[14]	4.2 U	1.2 U	3 U				
Chromium VI	[86]	10 U	10 U	10 U				
Lead	[26.8]	1.7 U	1.8 U	2.2 U				
Nickel	[100]	2.3 B	2.4 B	1.5 U				
Zinc	[152]	1.1 U	0.70 U	1.1 U				
Cyanide	[23.9]	0.85 B	2.7 B	1.6 B				

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/2/ = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B - Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

1 U/0.8 U = Duplicate sample result.

**TABLE B-9**  
**Summary of Analytical Results for Monitoring Well T-9**  
**ECC Superfund Site**  
**(Page 1 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-9 ECTGW9-01 4th 1998	T-9 ECTGW9-02 1st 1999	T-9 ECTGW9-03 2nd 1999	T-9 ECTGW9-04 3rd 1999	T-9 ECTGW9-05 4th 1999	T-9 ECTGW9-06 2nd 2000	T-9 ECTGW9-07 4th 2000
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	0.5 U	1 U/0.8 U	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	8 U/1 U
1,2-Dichloroethene(total)	[9.4]	1	1 U/0.8 U	0.6/0.6	4.0	0.8	12	<b>50/50 D</b>
Ethylbenzene	[3,280]	0.5 U	1 U/0.8 U	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	8 U/1 U
Methylene Chloride	[15.7]	2 B	2 B/0.8 U	0.6 B/0.9 B	0.5 JB	0.5 U	0.9 B	17 U/2 J
Tetrachloroethene	[8.85]	0.5 U	1 U/0.8 U	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	8 U/1 U
Toluene	[3,400]	0.5 U	1 U/0.8 U	0.3 J/0.2 J	0.5 U	0.5 U	0.2 J	8 U/0.2 J
1,1,1-Trichloroethane	[5,280]	0.5 U	1 U/0.8 U	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	8 U/1 U
1,1,2-Trichloroethane	[41.8]	0.5 U	1 U/0.8 U	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	2 J/0.2 J
Trichloroethene	[80.7]	0.5 U	1 U/0.8 U	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	8 U/1 U
Vinyl chloride	[525]	0.5 U	56/38	35 D/43 D	0.5 U	34 D	210 D	110/90 D
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	4 J	12/1 J	4 J/1 J	6.0 J	10 U	3 J	10 U/10 U
Di-n-butyl phthalate	[154,000]	10 U	10 U/9 U	10 U/10 U	10 U	10 U	9 U	10 U/10 U
1,2-Dichlorobenzene	[763]	10 U	10 U/9 U	10 U/10 U	10 U	10 U	9 U	8 U/1 U
Diethylphthalate	[52,100]	10 U	10 U/9 U	10 U/10 U	10 U	10 U	9 U	10 U/10 U
Naphthalene	[620]	10 U	10 U/9 U	10 U/10 U	10 U	10 U	9 U	10 U/10 U
Phenol	[370]	10 U	10 U/9 U	10 U/10 U	10 U	10 U	9 U	10 U/10 U
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1 U	0.48 U/0.48 U	0.56 U/0.54 U	0.5 U	0.47 U	ND	1.0 U/1.0 U
Aroclor-1221	[1.0]	2 U	0.48 U/0.48 U	1.1 U/1.0 U	1.0 U	0.94 U	ND	2.0 U/2.0 U
Aroclor-1232	[0.5]	1 U	0.48 U/0.48 U	0.56 U/0.54 U	0.5 U	0.47 U	ND	1.0 U/1.0 U
Aroclor-1242	[0.5]	1 U	0.48 U/0.48 U	0.56 U/0.54 U	0.5 U	0.47 U	ND	1.0 U/1.0 U
Aroclor-1248	[0.5]	1 U	0.48 U/0.48 U	0.56 U/0.54 U	0.5 U	0.47 U	ND	1.0 U/1.0 U
Aroclor-1254	[0.5]	1 U	0.48 U/0.48 U	0.56 U/0.54 U	0.5 U	0.47 U	ND	1.0 U/1.0 U
Aroclor-1260	[0.5]	1 U	0.48 U/0.48 U	0.56 U/0.54 U	0.5 U	0.47 U	ND	1.0 U/1.0 U
<b>Inorganics</b>								
Arsenic	[14]	1.7 U	1.4 U/1.4 U	1.4 U/1.5 B	2.0 U	7.6 B	2.6 B	3.4 U/3.4 U
Chromium VI	[86]	10 U	10 U/10 U	10 U/10 U	10.0 U	10.0 U	<b>99.9</b>	10 U/10 U
Lead	[26.8]	0.7 U	1.4 B/2.0 B	1.0 U/1.0 U	1.0 U	1.5 U	1.1 U	2.1 U/2.1 U
Nickel	[100]	14.8 B	15/13.8	16.6/17.5	15.6	16.7	17.5	16.0 B/15.9 B
Zinc	[152]	11.9 U	<b>160/49.4</b>	<b>18.0 B/191</b>	4.2 B	3.1 U	7.3 B	1.2 U/1.2 U
Cyanide	[23.9]	10 U	10 U/10 U	4.7 U/4.7 U	2.8 U	8.2 U	0.9 U	0.99 B/0.98 B

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/2/- Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U Analyte not detected. The value shown is the associated detection limit.

B Analyte was also detected in the laboratory method blank (organic) or analyte value is < contract required detection limit but > instrument detection limit (inorganic).

D- Sample quantitated on a diluted sample.

J Estimated Value.

1 U/0.8 U ~ Sample result/duplicate sample result.

**TABLE B-9**  
**Summary of Analytical Results for Monitoring Well T-9**  
**ECC Superfund Site**  
**(Page 2 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-9 ECTGW9-08 1st 2001	T-9 ECTGW9-09 3rd 2001					
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	10 U/10 U	1 U/1 U					
1,2-Dichloroethene(total)	[9.4]	<b>69/68</b>	<b>110 D/81 D</b>					
Ethylbenzene	[3.280]	10 U/10 U	1 U/1 U					
Methylene Chloride	[15.7]	20 U/20 U	1 J/1 J					
Tetrachloroethene	[8.85]	10 U/10 U	0.9 J/0.7 J					
Toluene	[3.400]	10 U/10 U	0.4 J/0.5 J					
1,1,1-Trichloroethane	[5.280]	10 U/10 U	1 U/1 U					
1,1,2-Trichloroethane	[41.8]	10 U/10 U	1 U/1 U					
Trichloroethene	[80.7]	10 U/10 U	0.5 J/0.4 J					
Vinyl chloride	[525]	170/160	370 D/110 D					
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U/10 U	10 U/2 J					
Di-n-butyl phthalate	[154,000]	10 U/10 U	10 U/10 U					
1,2-Dichlorobenzene	[763]	10 U/10 U	1U/1U					
Diethylphthalate	[52,100]	10 U/10 U	10 U/10 U					
Naphthalene	[620]	10 U/10 U	10 U/10 U					
Phenol	[570]	10 U/10 U	10 U/10 U					
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1.0 U/1.0 U	1.0 U/1.0 U					
Aroclor-1221	[1.0]	2.0 U/2.0 U	2.0 U/2.0 U					
Aroclor-1232	[0.5]	1.0 U/1.0 U	1.0 U/1.0 U					
Aroclor-1242	[0.5]	1.0 U/1.0 U	1.0 U/1.0 U					
Aroclor-1248	[0.5]	1.0 U/1.0 U	1.0 U/1.0 U					
Aroclor-1254	[0.5]	1.0 U/1.0 U	1.0 U/1.0 U					
Aroclor-1260	[0.5]	1.0 U/1.0 U	1.0 U/1.0 U					
<b>Inorganics</b>								
Arsenic	[14]	4.2 U/4.2 U	3.7 B/2.7 B					
Chromium VI	[86]	10 U/10 U	10 U/10 U					
Lead	[26.8]	1.7 U/1.7 U	1.8 U/1.8 U					
Nickel	[100]	16.4 B/16.3 B	16.6 B/15.6 B					
Zinc	[152]	1.1 U/1.1 U	0.70 U/0.70 U					
Cyanide	[23.9]	0.70 B/0.60 U	0.80 U/0.80 U					

**Notes:**

All concentrations are in ug/l.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/?/ Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U – Analyte not detected. The value shown is the associated detection limit.

B – Analyte was also detected in the laboratory method blank (organic) or analyte value is < contract required detection limit but > instrument detection limit (inorganic).

D– Sample quantitated on a diluted sample.

J – Estimated Value.

1 U/0.8 U – Sample result/duplicate sample result.

**TABLE B-10**  
**Summary of Analytical Results for Monitoring Well T-10**  
**ECC Superfund Site**  
**(Page 1 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-10 ECTGW10-01 4th 1998	T-10 ECTGW10-02 1st 1999	T-10 ECTGW10-03 2nd 1999	T-10 ECTGW10-04 3rd 1999	T-10 ECTGW10-05 4th 1999	T-10 ECTGW10-06 2nd 2000	T-10 ECTGW10-07 4th 2000
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	25 U	6 U	0.4 J	0.5	0.4 J	62 U	1 U
1,2-Dichloroethene(total)	[9.4]	<b>930</b>	<b>190</b>	<b>228 D</b>	<b>19.4 D</b>	<b>419 D</b>	<b>400</b>	<b>240 D</b>
Ethylbenzene	[3.280]	25 U	6 U	0.5 U	0.5 U	0.5 U	12 U	1 U
Methylene Chloride	[15.7]	<b>50 B</b>	<b>7 B</b>	<b>0.6 B</b>	<b>0.4 JB</b>	<b>0.3 J</b>	<b>12 JB</b>	<b>2 U</b>
Tetrachloroethene	[8.85]	25 U	6 U	0.5 U	0.5 U	0.5 U	12 U	1 U
Toluene	[3.400]	25 U	6 U	0.5 U	0.5 U	0.5 U	3 J	0.2 J
1,1,1-Trichloroethane	[5.280]	130	15	19	18	19	16	8
1,1,2-Trichloroethane	[41.8]	25 U	6 U	0.5 U	0.5 U	0.5 U	12 U	1 U
Trichloroethene	[80.7]	25 U	6 U	2	2.0	2.0	3 J	1.0
Vinyl chloride	[525]	25 U	6 U	5	0.5 U	0.5 U	16	14
<b>Semi-Volatile Organics</b>								
is (2-ethylhexyl) phthalate	[50,000]	10 U	1 J	3 J	2.0 J	1.0 JB	1 J	1 J
Di-n-butyl phthalate	[154,000]	10 U	9 U	11 U	10 U	9.0 U	10 U	10 U
1,2-Dichlorobenzene	[763]	10 U	9 U	11 U	10 U	9.0 U	10 U	1 U
Diethylphthalate	[52,100]	10 U	9 U	11 U	10 U	9.0 U	10 U	10 U
Naphthalene	[620]	10 U	9 U	11 U	10 U	9.0 U	10 U	10 U
Phenol	[570]	10 U	9 U	11 U	10 U	9.0 U	10 U	10 U
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1 U	0.5 U	0.51 U	0.5 U	0.46 U	0.58 U	1.0 U
Aroclor-1221	[1.0]	2 U	1 U	1.0 U	1.0 U	0.92 U	1.2 U	2.0 U
Aroclor-1232	[0.5]	1 U	0.5 U	0.51 U	0.5 U	0.46 U	0.58 U	1.0 U
Aroclor-1242	[0.5]	1 U	0.5 U	0.51 U	0.5 U	0.46 U	0.58 U	1.0 U
Aroclor-1248	[0.5]	1 U	0.5 U	0.51 U	0.5 U	0.46 U	0.58 U	1.0 U
Aroclor-1254	[0.5]	1 U	0.5 U	0.51 U	0.5 U	0.46 U	0.58 U	0.25 J
Aroclor-1260	[0.5]	1 U	0.5 U	0.51 U	0.5 U	0.46 U	0.58 U	1.0 U
<b>Inorganics</b>								
Arsenic	[14]	6.9 B	1.7 B	1.4 U	<b>4.4 B</b>	7.6 U	2.1 U	3.4 U
Chromium VI	[86]	10 U	10 U	10 U	10.0 U	10.0 U	<b>156</b>	10 U
Lead	[26.8]	0.84 B	0.97 B	1.5 B	1.0 U	1.5 U	1.1 U	2.1 U
Nickel	[100]	20.7	13.9	14.2	12.4	12.7	11.6	14.2 B
Zinc	[152]	1.5 U	<b>192</b>	67.3	7.2 B	16.4 B	3.6 U	1.2 U
Cyanide	[23.9]	10 U	10 U	4.7 U	2.8 U	8.2 U	0.90 U	1.6 B

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] – Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

D= Sample quantitated on a diluted sample.

**TABLE B-10**  
**Summary of Analytical Results for Monitoring Well T-10**  
**ECC Superfund Site**  
**(Page 2 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-10 ECTGW10-08 1st 2001	T-10 ECTGW10-09 3rd 2001					
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	13 U	0.3 J					
1,2-Dichloroethene(total)	[9.4]	<b>210</b>	<b>230 D</b>					
Ethylbenzene	[3,280]	13 U	1 U					
Methylene Chloride	[15.7]	25 U	2 U					
Tetrachloroethene	[8.85]	3 JB	0.2 J					
Toluene	[3,400]	13 U	1 U					
1,1,1-Trichloroethane	[5,280]	7 J	10					
1,1,2-Trichloroethane	[41.8]	13 U	1 U					
Trichloroethene	[80.7]	2 JB	2					
Vinyl chloride	[525]	6 J	16 DJ					
<b>Semi-Volatile Organics</b>								
is (2-ethylhexyl) phthalate	[50,000]	10 U	7 J					
Di-n-butyl phthalate	[154,000]	10 U	10 U					
1,2-Dichlorobenzene	[763]	13 U	1U					
Diethylphthalate	[52,100]	10 U	10 U					
Naphthalene	[620]	10 U	10 U					
Phenol	[570]	10 U	10 U					
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1 U	1 U					
Aroclor-1221	[1.0]	2 U	2 U					
Aroclor-1232	[0.5]	1 U	1 U					
Aroclor-1242	[0.5]	1 U	1 U					
Aroclor-1248	[0.5]	1 U	1 U					
Aroclor-1254	[0.5]	1 U	1 U					
Aroclor-1260	[0.5]	1 U	1 U					
<b>Inorganics</b>								
Arsenic	[14]	5.3 B	9.3 B					
Chromium VI	[86]	10 U	13.12					
Lead	[26.8]	1.7 U	2.2 B					
Nickel	[100]	14.9 B	12.2 B					
Zinc	[152]	1.1 U	0.70 U					
Cyanide	[23.9]	0.66 B	0.80 U					

**Notes:**

All concentrations are in ug/l.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/2/ = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

D= Sample quantitated on a diluted sample.

**TABLE B-11**  
**Summary of Analytical Results for Monitoring Well S-1**  
**ECC Superfund Site**  
**(Page 1 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	S-1 ECSGW1-01 4th 1998	S-1 ECSGW1-02 1st 1999	S-1 ECSGW1-03 2nd 1999	S-1 ECSGW1-04 3rd 1999	S-1 ECSGW1-05 4th 1999	S-1 ECSGW1-06 2nd 2000	S-1 ECSGW1-07 4th 2000
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	0.5 U	1 U/1 U					
1,2-Dichloroethene(total)	[9.4]	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U	0.5 U	1 U/1 U
Ethylbenzene	[3.280]	0.5 U	1 U/1 U					
Methylene Chloride	[15.7]	2 B	0.7 B	0.7	0.5 JB	0.5 J	2 B	0.8 J/2 U
Tetrachloroethene	[8.85]	0.5 U	1 U/1 U					
Toluene	[3,400]	0.5 U	0.3 J	0.7 J/1 U				
1,1,1-Trichloroethane	[5.280]	0.5 U	1 U/1 U					
1,1,2-Trichloroethane	[41.8]	0.5 U	1 U/1 U					
Trichloroethylene	[80.7]	0.5 U	0.5 U	0.8	0.5 U	0.5 U	0.5 U	1 U/1 U
Vinyl chloride	[525]	0.5 U	1 U/1 U					
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U/10 U	10 U	10 U	10 U	10 U	11 U	10 U/10 U
Di-n-butyl phthalate	[154,000]	10 U/10 U	10 U	10 U	10 U	10 U	11 U	10 U/10 U
1,2-Dichlorobenzene	[763]	10 U/10 U	10 U	10 U	10 U	10 U	11 U	1 U/1 U
Diethylphthalate	[52,100]	10 U/10 U	10 U	10 U	10 U	10 U	11 U	10 U/10 U
Naphthalene	[620]	10 U/10 U	10 U	10 U	10 U	10 U	11 U	10 U/10 U
Phenol	[570]	10 U/10 U	10 U	10 U	10 U	10 U	11 U	10 U/10 U
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1 U/1 U	0.48 U	0.54 U	0.5 U	0.51 U	0.46 U	1.0 U/1.0 U
Aroclor-1221	[1.0]	2 U/2 U	0.95 U	1.1 U	1.0 U	1.0 U	0.93 U	2.0 U/2.0 U
Aroclor-1232	[0.5]	1 U/1 U	0.48 U	0.54 U	0.5 U	0.51 U	0.46 U	1.0 U/1.0 U
Aroclor-1242	[0.5]	1 U/1 U	0.48 U	0.54 U	0.5 U	0.51 U	0.46 U	1.0 U/1.0 U
Aroclor-1248	[0.5]	1 U/1 U	0.48 U	0.54 U	0.5 U	0.51 U	0.46 U	1.0 U/1.0 U
Aroclor-1254	[0.5]	1 U/1 U	0.48 U	0.54 U	0.5 U	0.51 U	0.46 U	1.0 U/1.0 U
Aroclor-1260	[0.5]	1 U/1 U	0.48 U	0.54 U	0.5 U	0.51 U	0.46 U	1.0 U/1.0 U
<b>Inorganics</b>								
Arsenic	[14.0]	1.7 U/1.7 U	1.4 B	1.4 U	2.0 U	7.6 U	2.1 U	3.4 U/3.4 U
Chromium VI	[86.0]	10 U/10 U	10 U	10 U	10.0 U	10.0 U	15.1	10 U/10 U
Lead	[26.8]	0.81 B/ 0.7 U	0.7 U	1.0 U	1.0 U	1.5 U	1.1 U	2.1 U/2.1 U
Nickel	[100]	0.7 U/0.7 U	1.3 B	1.3 B	1.0 U	1.1 U	3.2 U	0.96 B/0.96 B
Zinc	[152.0]	1.5 U/1.5 U	0.8 U	4.8 B	1.1 U	3.1 U	3.6 U	1.2 U/1.2 U
Cyanide	[23.9]	10 U/10 U	10 U	4.7 U	2.8 U	8.2 U	0.90 U	1.1 B/1.3 B

**Notes:**

All concentrations are in ug/l.  
 Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is < contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

1 U/0.8 U = Sample result/duplicate sample result.

**TABLE B-11**  
**Summary of Analytical Results for Monitoring Well S-1**  
**ECC Superfund Site**  
**(Page 2 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	S-1 ECSGW1-08 1ST 2001	S-1 ECSGW1-09 3rd 2001					
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	1 U/1 U	1 U/1 U					
1,2-Dichloroethene(total)	[9.4]	1 U/1 U	0.2 J/0.1 J					
Ethylbenzene	[3.280]	1 U/1 U	1 U/1 U					
Methylene Chloride	[15.7]	2 U/0.7 J	2 U/2 U					
Tetrachloroethene	[8.85]	1 U/1 U	1 U/1 U					
Toluene	[3,400]	1 U/1 U	1 U/1 U					
1,1,1-Trichloroethane	[5,280]	1 U/1 U	1 U/1 U					
1,1,2-Trichloroethane	[41.8]	1 U/1 U	1 U/1 U					
Trichloroethene	[80.7]	1 U/1 U	1 U/1 U					
Vinyl chloride	[525]	1 U/1 U	1 U/1 U					
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U/ 1 JB	1 J/10 U					
Di-n-butyl phthalate	[154,000]	10 U/ 10 U	10 U/10 U					
1,2-Dichlorobenzene	[763]	1 U/1 U	1 U/1 U					
Diethylphthalate	[52,100]	10 U/ 10 U	10 U/10 U					
Naphthalene	[620]	10 U/ 10 U	10 U/10 U					
Phenol	[570]	10 U/ 10 U	10 U/10 U					
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1.0 U/1.0 U	1 U/1 U					
Aroclor-1221	[1.0]	2.0 U/2.0 U	2 U/2 U					
Aroclor-1232	[0.5]	1.0 U/1.0 U	1 U/1 U					
Aroclor-1242	[0.5]	1.0 U/1.0 U	1 U/1 U					
Aroclor-1248	[0.5]	1.0 U/1.0 U	1 U/1 U					
Aroclor-1254	[0.5]	1.0 U/1.0 U	1 U/1 U					
Aroclor-1260	[0.5]	1.0 U/1.0 U	1 U/1 U					
<b>Inorganics</b>								
Arsenic	[14.0]	4.2 U/4.2 U	1.8 B/1.8 B					
Chromium VI	[86.0]	10 U/10 U	10 U/10 U					
Lead	[26.8]	1.7 U/1.7 U	1.8 U/1.8 U					
Nickel	[100]	1.3 U/1.3 U	7.8 B/1.4 U					
Zinc	[152.0]	1.1 U/1.1 U	4.9 B/.70 U					
Cyanide	[23.9]	0.60 U/0.60 U	0.80 U/80 U					

**Notes:**

All concentrations are in ug/L.  
Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/2/ = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >- instrument detection limit (inorganic).

J = Estimated Value.

1 U/0.8 U = Sample result/duplicate sample result.

**TABLE B-12**  
**Summary of Analytical Results for Monitoring Well S-2**  
**ECC Superfund Site**  
**(Page 1 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	S-2 ECSGW2-01 4th 1998	S-2 ECSGW2-02 1st 1999	S-2 ECSGW2-03 2nd 1999	S-2 ECSGW2-04 3rd 1999	S-2 ECSGW2-05 4th 1999	S-2 ECSGW2-06 2nd 2000	S-2 ECSGW2-07 4th 2000
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.5 U	1 U
1,2-Dichloroethene(total)	[9.4]	3	2	0.5 U	0.6	2.0/0.8	0.4 J	0.4 J
Ethylbenzene	[3.280]	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.5 U	1 U
Methylene Chloride	[15.7]	2 B	0.8 B	0.3 J	0.5 U	2.0/1.0	2 B	2 U
Tetrachloroethene	[8.85]	0.5 U	0.5 U	0.5 U	0.5 U	0.9/0.7	0.5 U	1 U
Toluene	[3.400]	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J/0.2 J	0.4 J	0.2 J
1,1,1-Trichloroethane	[5.280]	0.5 U	0.5 U	0.5 U	0.5 U	0.5/0.4 J	0.5 U	1 U
1,1,2-Trichloroethane	[41.8]	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.5 U	1 U
Trichloroethene	[80.7]	0.5 U	0.5 U	0.5 U	0.5 U	0.9/0.9	0.5 U	1 U
Vinyl chloride	[525]	3	0.4 J	0.5 U	0.6	0.8/0.7	0.9	0.2 J
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U/10 U	10 U	10 U	1.0 J	10 U/10 U	10 U	11 U
Di-n-butyl phthalate	[154,000]	10 U/10 U	10 U	10 U	4.0 J	10 U/10 U	10 U	11 U
1,2-Dichlorobenzene	[763]	10 U/10 U	10 U	10 U	10 U	10 U/10 U	10 U	1 U
Diethylphthalate	[52,100]	10 U/10 U	10 U	10 U	10 U	10 U/10 U	10 U	11 U
Naphthalene	[620]	10 U/10 U	10 U	10 U	10 U	10 U/10 U	10 U	11 U
Phenol	[570]	10 U/10 U	10 U	10 U	10 U	10 U/10 U	10 U	11 U
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1 U/ 1U	0.5 U	0.50 U	0.56 U	0.51 U/0.51 U	0.46 U	1.0 U
Aroclor-1221	[1.0]	2 U/ 2U	1 U	1.0 U	1.1 U	1.0 U/1.0 U	0.93 U	2.0 U
Aroclor-1232	[0.5]	1 U/ 1U	0.5 U	0.50 U	0.56 U	0.51 U/0.51 U	0.46 U	1.0 U
Aroclor-1242	[0.5]	1 U/ 1U	0.5 U	0.50 U	0.56 U	0.51 U/0.51 U	0.46 U	1.0 U
Aroclor-1248	[0.5]	1 U/ 1U	0.5 U	0.50 U	0.56 U	0.51 U/0.51 U	0.46 U	1.0 U
Aroclor-1254	[0.5]	1 U/ 1U	0.5 U	0.50 U	0.56 U	0.51 U/0.51 U	0.46 U	1.0 U
Aroclor-1260	[0.5]	1 U/ 1U	0.5 U	0.50 U	0.56 U	0.51 U/0.51 U	0.46 U	1.0 U
<b>Inorganics</b>								
Arsenic	[14.0]	1.7 U/ 1.7 U	1.4 U	1.4 U	2.0 U	7.6 U/7.6 U	2.1 U	3.4 U
Chromium VI	[86.0]	10 U/10 U	10 U	10 U	10.0 U	10.0 U/10.0 U	10 U	10 U
Lead	[26.8]	0.7 U/0.7 U	0.7 U	1.0 U	1.0 U	1.5 U/1.5 U	1.1 U	2.1 U
Nickel	[100]	4 B/3.8 B	4.8 B	5	4.7 B	4.8 B/6.1 U	4.4 B	6.2 B
Zinc	[152.0]	1.5 U/1.5 U	0.8 U	12.4	1.1 U	3.1 U/3.1 U	3.6 U	1.2 U
Cyanide	[23.9]	10 U/10 U	10 U	4.7 U	2.8 U	8.2 U/8.2 U	0.90 U	0.95 B

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/2/ = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

1 U/0.8 U = Sample result/Duplicate sample result.

**TABLE B-12**  
**Summary of Analytical Results for Monitoring Well S-2**  
**ECC Superfund Site**  
**(Page 2 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	S-2 ECSGW2-08 1st 2001	S-2 ECSGW2-09 3rd 2001	S-2 ECSGW2-10 4th 2001				
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	1 U	1 U	1 U				
1,2-Dichloroethene(total)	[9.4]	0.3 J	0.1 J	0.3 J				
Ethylbenzene	[3,280]	1 U	1 U	1 U				
Methylene Chloride	[15.7]	0.6 J	2 U	2 U				
Tetrachloroethene	[8.85]	1 U	1 U	1 U				
Toluene	[3,400]	1 U	1 U	0.1 J				
1,1,1-Trichloroethane	[5,280]	1 U	1 U	1 U				
1,1,2-Trichloroethane	[41.8]	1 U	1 U	1 U				
Trichloroethene	[80.7]	1 U	1 U	1 U				
Vinyl chloride	[525]	0.4 J	1	0.4 J				
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U	10 U	0.8 JB				
Di-n-butyl phthalate	[154,000]	10 U	10 U	10 U				
1,2-Dichlorobenzene	[763]	1 U	1 U	1 U				
Diethylphthalate	[52,100]	10 U	10 U	10 U				
Naphthalene	[620]	10 U	10 U	10 U				
Phenol	[570]	10 U	10 U	10 U				
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1.0 U	1.0 U	1.0 U				
Aroclor-1221	[1.0]	2.0 U	2.0 U	2.0 U				
Aroclor-1232	[0.5]	1.0 U	1.0 U	1.0 U				
Aroclor-1242	[0.5]	1.0 U	1.0 U	1.0 U				
Aroclor-1248	[0.5]	1.0 U	1.0 U	1.0 U				
Aroclor-1254	[0.5]	1.0 U	1.0 U	1.0 U				
Aroclor-1260	[0.5]	1.0 U	1.0 U	1.0 U				
<b>Inorganics</b>								
Arsenic	[14.0]	4.2 U	1.9 B	3.0 U				
Chromium VI	[86.0]	10 U	10 U	10 U				
Lead	[26.8]	1.7 U	1.8 U	2.2 U				
Nickel	[100]	5.8 B	4.7 B	6.1 B				
Zinc	[152.0]	1.1 U	.70 U	1.1 U				
Cyanide	[23.9]	0.60 U	1.3 B	0.97 B				

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/2 = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

1 U/0.8 U = Sample result/duplicate sample result.

**TABLE B-13**  
**Summary of Analytical Results for Monitoring Well S-3**  
**ECC Superfund Site**  
**(Page 1 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	S-3 ECSGW3-01 4th 1998	S-3 ECSGW3-02 1st 1999	S-3 ECSGW3-03 2nd 1999	S-3 ECSGW3-04 3rd 1999	S-3 ECSGW3-05 4th 1999	S-3 ECSGW3-06 2nd 2000	S-3 ECSGW3-07 4th 2000
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.5 U	1 U
1,2-Dichloroethene(total)	[9.4]	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.5 U	1 U
Ethylbenzene	[3.280]	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	0.1 J/0.5 U	0.5 U	1 U
Methylene Chloride	[15.7]	2.0 B/2.0 B	0.6 B	0.9	0.2 J	0.5 U/2.0	0.6 B	2 U
Tetrachloroethene	[8.85]	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.5 U	1 U
Toluene	[3.400]	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.2 J	1 U
1,1,1-Trichloroethane	[5.280]	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.5 U	1 U
1,1,2-Trichloroethane	[41.8]	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.5 U	1 U
Trichloroethene	[80.7]	0.5 U/0.5 U	0.5 U	0.3 J	0.5 U	0.5 U/0.5 U	0.5 U	1 U
Vinyl chloride	[525]	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.3 J	0.7	1
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U / 10 U	10 U	10 U	10 U	10 U/10 U	10 U	10 U
Di-n-butyl phthalate	[154,000]	10 U / 10 U	10 U	10 U	10 U	10 U/10 U	10 U	10 U
1,2-Dichlorobenzene	[763]	10 U / 10 U	10 U	10 U	10 U	10 U/10 U	10 U	1 U
Diethylphthalate	[52,100]	10 U / 10 U	10 U	10 U	10 U	10 U/10 U	10 U	10 U
Naphthalene	[620]	10 U / 10 U	10 U	10 U	10 U	10 U/10 U	10 U	10 U
Phenol	[570]	10 U / 10 U	10 U	10 U	10 U	10 U/10 U	10 U	10 U
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1.0 U/1.0 U	0.48 U	0.5 U	0.52 U	0.46 U/0.5 U	0.51 U	1.0 U
Aroclor-1221	[1.0]	2.0 U/2.0 U	0.95 U	1 U	1 U	0.92 U/1.0 U	1.0 U	2.0 U
Aroclor-1232	[0.5]	1.0 U/1.0 U	0.48 U	0.5 U	0.52 U	0.46 U/0.5 U	0.51 U	1.0 U
Aroclor-1242	[0.5]	1.0 U/1.0 U	0.48 U	0.5 U	0.52 U	0.46 U/0.5 U	0.51 U	1.0 U
Aroclor-1248	[0.5]	1.0 U/1.0 U	0.48 U	0.5 U	0.52 U	0.46 U/0.5 U	0.51 U	1.0 U
Aroclor-1254	[0.5]	1.0 U/1.0 U	0.48 U	0.5 U	0.52 U	0.46 U/0.5 U	0.51 U	1.0 U
Aroclor-1260	[0.5]	1.0 U/1.0 U	0.48 U	0.5 U	0.52 U	0.46 U/0.5 U	0.51 U	1.0 U
<b>Inorganics</b>								
Arsenic	[14.0]	1.7 U/1.7 U	1.4 U	4.4 B	2.0 U	7.6 U/7.6 U	2.1 U	3.4 U
Chromium VI	[86.0]	10 U / 10 U	10 U	10 U	10.0 U	10.0 U/10.0 U	10 U	10 U
Lead	[26.8]	0.7 U/0.76 B	0.7 U	1 U	1.0 U	1.5 U/1.5 U	1.1 U	2.1 U
Nickel	[100]	2.3 B/2.2 B	2.8 B	10.4	8.8	9.0/9.1	8.7	9.1 B
Zinc	[152.0]	1.5 U/1.5 U	0.8 U	0.4 U	1.1 U	3.1 U/3.1 U	3.6 U	1.2 U
Cyanide	[23.9]	10 U / 10 U	10 U	4.7 U	2.8 U	8.2 U/8.2 U	0.90 U	0.90 U

**Notes:**

All concentrations are in ug/l..

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/2/ = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

1 U/0.8 U = Sample result/duplicate sample result.

**TABLE B-13**  
**Summary of Analytical Results for Monitoring Well S-3**  
**ECC Superfund Site**  
**(Page 2 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	S-3 ECSGW3-08 1st 2001	S-3 ECSGW3-09 3rd 2001					
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	1 U	1 U					
1,2-Dichloroethene(total)	[9.4]	1 U	1 U					
Ethylbenzene	[3.280]	1 U	1 U					
Methylene Chloride	[15.7]	0.7 J	2 U					
Tetrachloroethene	[8.85]	1 U	1 U					
Toluene	[3.400]	0.1 J	1U					
1,1,1-Trichloroethane	[5.280]	1 U	1 U					
1,1,2-Trichloroethane	[41.8]	1 U	1 U					
Trichloroethene	[80.7]	1 U	1 U					
Vinyl chloride	[525]	1	5					
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U	10 U					
Di-n-butyl phthalate	[154,000]	10 U	10 U					
1,2-Dichlorobenzene	[763]	1 U	1 U					
Diethylphthalate	[52,100]	10 U	10 U					
Naphthalene	[620]	10 U	10 U					
Phenol	[570]	10 U	10 U					
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1.0 U	1.0 U					
Aroclor-1221	[1.0]	2.0 U	2.0 U					
Aroclor-1232	[0.5]	1.0 U	1.0 U					
Aroclor-1242	[0.5]	1.0 U	1.0 U					
Aroclor-1248	[0.5]	1.0 U	1.0 U					
Aroclor-1254	[0.5]	1.0 U	1.0 U					
Aroclor-1260	[0.5]	1.0 U	1.0 U					
<b>Inorganics</b>								
Arsenic	[14.0]	4.2 U	1.2 U					
Chromium VI	[86.0]	10 U	10 U					
Lead	[26.8]	1.7 U	1.8 U					
Nickel	[100]	9.5 B	12.3 B					
Zinc	[152.0]	1.1 U	.70 U					
Cyanide	[23.9]	0.6 U	.80 U					

**Notes:**

All concentrations are in ug/L.  
 Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/2 = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

1 U/0.8 U = Sample result/duplicate sample result.

**TABLE B-14**  
**Summary of Analytical Results for Monitoring Well S-4A**  
**ECC Superfund Site**  
**(Page 1 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	S-4 ECSGW4-01 4th 1998	S-4A ECSGW4-02 1st 1999	S-4A ECSGW4-03 2nd 1999	S-4A ECSGW4-04 3rd 1999	S-4A ECSGW4-05 4th 1999	S-4A ECSGW4-06 2nd 2000	S-4A ECSGW4-07 4th 2000
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	0.5 U/0.5 U	2 U	4 U/4 U	0.5 U/0.5 U	0.5 U	0.5 U/0.5 U	1 U
1,2-Dichloroethene(total)	[9.4]	0.5 U/1.0	87	100/87	85.8 D/91.9 D	66.5 E	62/36	73 D
Ethylbenzene	[3,280]	0.5 U/0.5 U	2 U	4 U/4 U	0.5 U/0.5 U	0.5 U	0.5 U/0.5 U	1 U
Methylene Chloride	[15.7]	2 B/3 B	3 B	4 U/4 U	0.3 J/0.3 J	1.0	3 D/3 JB	0.8 J
Tetrachloroethene	[8.85]	0.5 U/0.5 U	2 U	4 U/4 U	0.5 U/0.5 U	0.5 U	0.5 U/0.5 U	1 U
Toluene	[3,400]	0.5 U/0.5 U	2 U	4 U/4 U	0.5 U/0.5 U	0.5 U	0.7 J/0.7 J	1 U
1,1,1-Trichloroethane	[5,280]	0.5 U/0.5 U	2 U	4 U/4 U	0.5 U/0.5 U	0.5 U	0.5 U/0.5 U	1 U
1,1,2-Trichloroethane	[41.8]	0.5 U/0.5 U	2 U	4 U/4 U	0.5 U/0.5 U	0.5 U	0.5 U/0.5 U	1 U
Trichloroethylene	[80.7]	0.5 U/0.5 U	2 U	4 U/4 U	0.5 U/0.5 U	0.5 U	0.5 U/0.5 U	1 U
Vinyl chloride	[525]	0.5 U/0.5 U	2 J	3 J/3J	0.5 U/0.5 U	7.0	3/2 J	5
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U/10 U	10 U	10 U/1 J	10 U/10 U	10 U	9 U/11 U	10 U
Di-n-butyl phthalate	[154,000]	10 U/10 U	10 U	10 U/10 U	10 U/10 U	10 U	9 U/11 U	10 U
1,2-Dichlorobenzene	[763]	10 U/10 U	10 U	10 U/10 U	10 U/10 U	10 U	9 U/11 U	1 U
Diethylphthalate	[52,100]	10 U/10 U	10 U	10 U/10 U	10 U/10 U	10 U	9 U/11 U	10 U
Naphthalene	[620]	10 U/10 U	10 U	10 U/10 U	10 U/10 U	10 U	9 U/11 U	10 U
Phenol	[570]	10 U/10 U	10 U	10 U/10 U	10 U/10 U	10 U	9 U/11 U	10 U
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1 U/0.95 U	0.50 U	0.47 U/0.51 U	0.55 U/0.52 U	0.50 U	0.47 U/0.48 U	1.0 U
Aroclor-1221	[1.0]	2 U/ 1.9 U	1.0 U	0.93 U/1.0 U	1.1 U/1.0 U	1.0 U	0.94 U/0.95 U	2.0 U
Aroclor-1232	[0.5]	1 U/0.95 U	0.50 U	0.47 U/0.51 U	0.55 U/0.52 U	0.50 U	0.47 U/0.48 U	1.0 U
Aroclor-1242	[0.5]	1 U/0.95 U	0.50 U	0.47 U/0.51 U	0.55 U/0.52 U	0.50 U	0.47 U/0.48 U	1.0 U
Aroclor-1248	[0.5]	1 U/0.95 U	0.50 U	0.47 U/0.51 U	0.55 U/0.52 U	0.50 U	0.47 U/0.48 U	1.0 U
Aroclor-1254	[0.5]	1 U/0.95 U	0.50 U	0.47 U/0.51 U	0.55 U/0.52 U	0.50 U	0.47 U/0.48 U	0.11 J
Aroclor-1260	[0.5]	1 U/0.95 U	0.50 U	0.47 U/0.51 U	0.55 U/0.52 U	0.50 U	0.47 U/0.48 U	1.0 U
<b>Inorganics</b>								
Arsenic	[14.0]	1.7 U/1.7 U	2.5 B	2.0 B/1.4 U	2.0 U/2.0 U	7.6 U	2.1 U/2.1 U	3.4 U
Chromium VI	[86.0]	10 U/10 U	10 U	10 U/10 U	10.0 U/10.0 U	10.0 U	11.2/10 U	10 U
Lead	[26.8]	0.7 U/0.7 U	1.2 B	1.0 U/1.0 U	1.0 U/1.0 U	1.5 U	1.1 U/1.1 U	2.1 U
Nickel	[100]	0.7 U/0.84 B	1.6 B	2.1 B/1.4 B	1.0 U/1.0 U	1.1 U	3.2 U/3.2 U	1.9 B
Zinc	[152.0]	1.5 U/1.5 U	0.8 U	0.40 U/0.4 U	1.1 U/1.1 U	3.1 U	3.6 U/3.6 U	1.2 U
Cyanide	[23.9]	10 U/10 U	10 U	4.7 U/4.7 U	2.8 U/2.8 U	8.2 U	0.90 U/0.90 U	0.90 U

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

D= Sample quantitated on a diluted sample.

E= Exceeds the upper limit of the calibration range of the instrument for that specific compound.

1 U/0.8 U = Sample result/duplicate sample result.

**TABLE B-14**  
**Summary of Analytical Results for Monitoring Well S-4A**  
**ECC Superfund Site**  
**(Page 2 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	S-4A ECSGW4-08 1st 2001	S-4A ECSGW4-09 3rd 2001					
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	5 U	1 U					
1,2-Dichloroethene(total)	[9.4]	<b>86</b>	<b>43 D</b>					
Ethylbenzene	[3,280]	5 U	1 U					
Methylene Chloride	[15.7]	10 U	2 U					
Tetrachloroethene	[8.85]	2 J	1 U					
Toluene	[3,400]	5 U	1 U					
1,1,1-Trichloroethane	[5,280]	5 U	1 U					
1,1,2-Trichloroethane	[41.8]	5 U	1 U					
Trichloroethene	[80.7]	5 U	1 U					
Vinyl chloride	[525]	6	16					
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	11 U	5 J					
Di-n-butyl phthalate	[154,000]	11 U	10 U					
1,2-Dichlorobenzene	[763]	5 U	1 U					
Diethylphthalate	[52,100]	11 U	10 U					
Naphthalene	[620]	11 U	10 U					
Phenol	[570]	11 U	10 U					
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1.0 U	1 U					
Aroclor-1221	[1.0]	2.0 U	2 U					
Aroclor-1232	[0.5]	1.0 U	1 U					
Aroclor-1242	[0.5]	1.0 U	1 U					
Aroclor-1248	[0.5]	1.0 U	1 U					
Aroclor-1254	[0.5]	1.0 U	1 U					
Aroclor-1260	[0.5]	1.0 U	1 U					
<b>Inorganics</b>								
Arsenic	[14.0]	4.2 U	1.2 U					
Chromium VI	[86.0]	10 U	10 U					
Lead	[26.8]	1.7 U	1.8 U					
Nickel	[100]	1.3 U	1.4 U					
Zinc	[152.0]	1.1 U	0.7					
Cyanide	[23.9]	0.60 U	.80 U					

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/2/ = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

D= Sample quantitated on a diluted sample.

J = Estimated Value.

1 U/0.8 U = Sample result/duplicate sample result.

**TABLE B-15**  
**Summary of Analytical Results for Monitoring Well ECC MW13**  
**ECC Superfund Site**  
**(Page 1 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	ECC MW-13 ECTGWMW13-01 4th 1998	ECC MW13 ECSGWMW1302 1st 1999	ECC MW13 ECSL-WMW-13 2nd 1999	MW13 ECSGWM13-04 3rd 1999	MW13 ECSGWM13-05 4th 1999	MW13 ECSGWM13-06 2nd 2000	MW13 ECSGWM13-07 4th 2000
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
1,2-Dichloroethene(total)	[9.4]	46	8	2.5	2.3	3.0	1	1
Ethylbenzene	[3,280]	3	1	0.5	0.5 U	0.2 J	0.5 U	1 U
Methylene Chloride	[15.7]	3 B	1 B	1 B	0.8	1.0	3 B	0.7 J
Tetrachloroethene	[8.85]	1 U	1 U	0.5 U	0.5 U	0.4 J	0.1 J	1 U
Toluene	[3,400]	0.5 J	1 U	0.5 U	0.5 U	0.2 J	0.4 J	1 U
1,1,1-Trichloroethane	[5,280]	2	0.9 J	0.7	0.3 J	0.6	0.4 J	0.2 J
1,1,2-Trichloroethane	[41.8]	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Trichloroethene	[80.7]	1 U	0.5 J	0.6	0.5 J	0.7	0.5	0.5 J
Vinyl chloride	[525]	1 U	3	0.5 U	0.6	2.0	0.4 J	0.3 J
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U	10 U	9 U	10 U	10 U	10 U	10 U
Di-n-butyl phthalate	[154,000]	10 U	10 U	9 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	[763]	10 U	10 U	9 U	10 U	10 U	10 U	1 U
Diethylphthalate	[52,100]	10 U	10 U	9 U	1.0 J	10 U	10 U	10 U
Naphthalene	[620]	10 U	10 U	9 U	10 U	10 U	10 U	10 U
Phenol	[570]	10 U	10 U	9 U	10 U	10 U	10 U	10 U
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1 U	0.47 U	0.50 U	0.52 U	0.46 U	0.53 U	1.0 U
Aroclor-1221	[1.0]	2 U	0.94 U	1.0 U	1.0 U	0.92 U	1.0 U	2.0 U
Aroclor-1232	[0.5]	1 U	0.47 U	0.50 U	0.52 U	0.46 U	0.53 U	1.0 U
Aroclor-1242	[0.5]	1 U	0.47 U	0.50 U	0.52 U	0.46 U	0.53 U	1.0 U
Aroclor-1248	[0.5]	1 U	0.47 U	0.50 U	0.52 U	0.46 U	0.53 U	1.0 U
Aroclor-1254	[0.5]	1 U	0.47 U	0.50 U	0.52 U	0.46 U	0.53 U	1.0 U
Aroclor-1260	[0.5]	1 U	0.47 U	0.50 U	0.52 U	0.46 U	0.53 U	1.0 U
<b>Inorganics</b>								
Arsenic	[14.0]	8.4 B	8.1 B	12.7	21.5	23	11.6	21.2
Chromium VI	[86.0]	10 U	10 U	10 U	10.0 U	10.0 U	10 U	10 U
Lead	[26.8]	0.7 U	0.7 U	1.0 U	2.5 B	1.5 U	1.1 U	2.1 U
Nickel	[100]	14	6.2	4.8 B	6.2	6.0	7.8	8.9 B
Zinc	[152.0]	26.5	0.8 U	0.40 U	1.1 U	3.1 U	3.6 U	1.2 U
Cyanide	[23.9]	10 U	10 U	4.7 U	2.8 U	8.2 U	0.90 U	1.4 B

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] - Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U - Analyte not detected. The value shown is the associated detection limit.

B - Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J - Estimated Value.

**TABLE B-15**  
**Summary of Analytical Results for Monitoring Well ECC MW13**  
**ECC Superfund Site**  
**(Page 2 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	MW13 ECSGWM13-08 1st 2001	MW13 ECSGWM13-09 3rd 2001	MW13 ECSGWM13-10 4th 2001				
<i>Volatile Organics</i>								
1,1-Dichloroethene	[1.8J]	1 U	1 U	1 U				
1,2-Dichloroethene(total)	[9.4]	1 J	1	0.6 J				
Ethylbenzene	[3.280]	1 U	1 U	1 U				
Methylene Chloride	[15.7]	0.7 J	2 U	2 U				
Tetrachloroethene	[8.85]	1 U	0.5 J	1 U				
Toluene	[3.400]	1 U	0.2 J	0.3 J				
1,1,1-Trichloroethane	[5.280]	0.3 J	0.2 J	1 U				
1,1,2-Trichloroethane	[41.8]	1 U	1 U	1 U				
Trichloroethene	[80.7]	0.4 J	0.6 J	0.4 J				
Vinyl chloride	[525]	1 U	0.6 J	0.5 J				
<i>Semi-Volatile Organics</i>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U	10 U	1 J				
Di-n-butyl phthalate	[154,000]	10 U	10 U	10 U				
1,2-Dichlorobenzene	[763]	1 U	1 U	1 U				
Diethylphthalate	[52,100]	10 U	10 U	0.5 J				
Naphthalene	[620]	10 U	10 U	10 U				
Phenol	[570]	10 U	10 U	10 U				
<i>Polychlorinated biphenyls</i>								
Aroclor-1016	[0.5]	1.0 U	1.0 U	1.0 U				
Aroclor-1221	[1.0]	2.0 U	2.0 U	2.0 U				
Aroclor-1232	[0.5]	1.0 U	1.0 U	1.0 U				
Aroclor-1242	[0.5]	1.0 U	1.0 U	1.0 U				
Aroclor-1248	[0.5]	1.0 U	1.0 U	1.0 U				
Aroclor-1254	[0.5]	1.0 U	1.0 U	1.0 U				
Aroclor-1260	[0.5]	1.0 U	1.0 U	1.0 U				
<i>Inorganics</i>								
Arsenic	[14.0]	<b>18.5</b>	<b>26.8</b>	<b>24.2</b>				
Chromium VI	[86.0]	13.3	10 U	10 U				
Lead	[26.8]	1.7 U	1.8 U	2.2 U				
Nickel	[100]	6.2 B	4.7 B	5.5 B				
Zinc	[152.0]	1.1 U	0.70 U	1.1 U				
Cyanide	[23.9]	0.77 B	0.80 U	1.9 B				

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/2/ = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U – Analyte not detected. The value shown is the associated detection limit.

B – Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J – Estimated Value.

**TABLE B-16**  
**Summary of Analytical Results for Location SW-1**  
**ECC Superfund Site**

SAMPLE LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	SW-1 ECSW1-01 4th 1998	SW-1 ECSW1-02 1st 1999	SW-1 ECSW1-03 2nd 1999	SW-1 ECSW1-06 2nd 2000	SW-1 ECSW1-07 4th 2000	SW-1 ECSW1-08 1st 2001	SW-1 ECSW1-09 3rd 2001	SW-1 ECSW1-10 4th 2001
<i>Volatile Organics</i>									
1,1-Dichloroethene	[1.85]	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U	1 U/1 U
1,2-Dichloroethene(total)	[9.4]*	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U	0.3 J/0.3 J
Ethylbenzene	[3.280]	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U	1 U/1 U
Methylene chloride	[13.7]	1 B	0.8 B	1	0.8	2.0 U	2 U	2 U	2 U/2 U
Tetrachloroethene	[8.85]	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U	1 U/1 U
Toluene	[3.400]	0.5 U	0.5 U	0.5 U	0.2 J	1.0 U	1 U	1 U	0.7 J/0.5 J
1,1,1-Trichloroethane	[5.280]	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U	1 U/1 U
1,1,2-Trichloroethane	[41.8]	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U	1 U/1 U
Trichloroethene	[80.7]	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U	1 U/1 U
Vinyl chloride	[525]	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U	0.2 J/0.1 J
<i>Semi-Volatile Organics</i>									
Bis (2-ethylhexyl) phthalate	[50,000]	10 U	2 J	5 J	10 U	11 U	10 U	10 U	10 U/1 JB
Di-n-butyl phthalate	[154,000]	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U/10 U
1,2-Dichlorobenzene	[763]	10 U	10 U	10 U	10 U	1 U	1 U	1 U	0.3 J/0.2 J
Diethyl phthalate	[52,100]	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U/10 U
Naphthalene	[620]	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U/10 U
Phenol	[570]	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U/10 U
<i>Polychlorinated biphenyls</i>									
Aroclor 1016	[0.5]	1 U	0.48 U	0.5 U	0.50 U	1.0 U	1 U	1 U	1 U/1 U
Aroclor 1221	[1.0]	2 U	0.97 U	1 U	1.0 U	2.0 U	2 U	2 U	2 U/2 U
Aroclor 1232	[0.5]	1 U	0.48 U	0.5 U	0.50 U	1.0 U	1 U	1 U	1 U/1 U
Aroclor 1242	[0.5]	1 U	0.48 U	0.5 U	0.50 U	1.0 U	1 U	1 U	1 U/1 U
Aroclor 1248	[0.5]	1 U	0.48 U	0.5 U	0.50 U	1.0 U	1 U	1 U	1 U/1 U
Aroclor 1254	[0.5]	1 U	0.48 U	0.5 U	0.50 U	1.0 U	1 U	1 U	1 U/1 U
Aroclor 1260	[0.5]	1 U	0.48 U	0.5 U	0.50 U	1.0 U	1 U	1 U	1 U/1 U
<i>Inorganics</i>									
Arsenic	[14.0]	1.7 U	1.4 U	2.9 B	2.1 U	3.4 U	4.2 U	2.8 U	3.1 B/3 B
Chromium VI	[86.0]	10 U	10.4	10 U	10 U/10 U				
Lead	[26.8]	0.7 U	1.6 B	1 U	1.1 U	2.1 U	1.7 U	1.6 U	5.4 5.4
Nickel	[100]	15.9 U	8.2	20.5	9.2	6.2 B	10 B	15.4 B	11.8 B 11.6 B
Zinc	[152.0]	1.5 U	3.8 B	14.2 B	3.6 U	1.2 U	1.1 U	9.7 B	21.4 20.4
Cyanide	[23.9]	10 U	10 U	10.3	2.1 B	2.4 B	1.8 B	5 B	4.0 B/4.9 B

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Acceptable Stream Concentrations as presented in Revised Exhibit A, Table 3-1.

[J] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is < contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

D = Compound quantitated on a diluted sample.

0.5 U/0.5 U = Sample result duplicate sample results.

**TABLE B-17**  
**Summary of Analytical Results for Location SW-2**  
**ECC Superfund Site**

SAMPLE LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	SW-2 ECSW2-01 4th 1998	SW-2 ECSW2-02 1st 1999	SW-2 ECSW2-03 2nd 1999	SW-2 ECSW2-06 2nd 2000	SW-2 ECSW2-07 4th 2000	SW-2 ECSW2-08 1st 2001	SW-2 ECSW2-09 3rd 2001	SW-2 ECSW2-10 4th 2001
<i>Volatile Organics</i>									
1,1-Dichloroethene	[1.85]	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	[9.4]	0.5 J/0.3 J	0.8	1	0.3 J	0.6 J	2	0.3 J	5
Ethylbenzene	[3.280]	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U	1 U
Methylene Chloride	[15.7]	2 B/1 B	0.8 B	2 B	1	0.9 J	2 U	2 U	2 U
Tetrachloroethene	[8.85]	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U	1 U
Toluene	[3.400]	0.5 U/0.5 U	0.5 U	0.5 U	0.2 J	0.2 J	0.2 J	1 U	0.9 J
1,1,1-Trichloroethane	[5.280]	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.2 J	1 U	1 U
1,1,2-Trichloroethane	[41.8]	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U	1 U
Trichloroethene	[80.7]	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U	1 U
Vinyl Chloride	[525]	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1	0.2 J	7
<i>Semi-Volatile Organics</i>									
Bis (2-ethylhexyl) phthalate	[50,000]	10 U/10 U	10 U	10 U	10 U	10 U	10 U	10 U	6 J
Di-n-butyl phthalate	[154,000]	10 U/10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	[763]	10 U/10 U	10 U	10 U	10 U	1 U	1 U	10 U	1 U
Diethyl Phthalate	[52,100]	10 U/10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	[620]	10 U/10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	[570]	10 U/10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
<i>Polychlorinated biphenyls</i>									
Aroclor 1016	[0.5]	1 U/1 U	0.48 U	0.50 U	0.46 U	1.0 U	1 U	1 U	1 U
Aroclor 1221	[1.0]	2 U/2 U	0.95 U	0.99 U	0.93 U	2.0 U	2 U	2 U	2 U
Aroclor 1232	[0.5]	1 U/1 U	0.48 U	0.50 U	0.46 U	1.0 U	1 U	1 U	1 U
Aroclor 1242	[0.5]	1 U/1 U	0.48 U	0.50 U	0.46 U	1.0 U	1 U	1 U	1 U
Aroclor 1248	[0.5]	1 U/1 U	0.48 U	0.50 U	0.46 U	1.0 U	1 U	1 U	1 U
Aroclor 1254	[0.5]	1 U/1 U	0.48 U	0.50 U	0.46 U	1.0 U	1 U	1 U	1 U
Aroclor 1260	[0.5]	1 U/1 U	0.48 U	0.50 U	0.46 U	1.0 U	1 U	1 U	1 U
<i>Inorganics</i>									
Arsenic	[14.0]	2.1 B/2.1 B	1.4 U	4.6 B	2.1 U	3.4 U	4.2 U	2.8 U	3 U
Chromium VI	[86.0]	10 U/10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Lead	[26.8]	0.7 U/0.7 U	1.2 B	1.0 U	1.1 U	2.1 U	1.7 U	1.6 U	2.2 U
Nickel	[100]	13.5 U/14 U	8.3	19.7	9	6.1 B	9.7 B	16.5 B	8.6 B
Zinc	[152.0]	1.5 U/1.5 U	2.4 B	6.5 B	3.6 U	1.2 U	1.1 U	11 B	1.1 U
Cyanide (Total)	[23.9]	10 U/10 U	10 U	7.1 B	2.1 B	2.6 B	1.9 B	3.5 B	6.0 B

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Acceptable Stream Concentrations as presented in Revised Exhibit A, Table 3-1.

/2/ = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

D = Compound quantitated on a diluted sample.

0.5 U/0.5 U = Sample result/duplicate sample result.